SBI PO Mains Memory Based Paper (Held On: 5th May 2025) (Previous Year Paper)

SBI Probationary Officer (PO) • 2025 • 170 questions • 180 minutes • Answer key and solutions

Take this paper as a timed mock test

Practise under exam conditions, then review your answers after you submit.

yourmocktest.com/pyq/sbi-po/sbi-po-mains-memory-based-paper-held-on-5th-may-2025-previo…

Scan the QR code or click the link to open it.

REASONING & COMPUTER APTITUDE

Directions

Directions: Read the information and answer the given questions.

Si× different cars, P, Q, R, S, T, and U, were used in a logistics event. Each car travelled a different distance, i.e., 14 km, 18 km, 24 km, 28 km, 35 km, and 42 km, but not necessarily in the same order. Each car had a different number of helpers, ranging from 4 to 10.

Note: The total distance travelled by each car is e×actly divisible by the number of helpers in that car. All the information is not necessarily used in the same order.

Car S has more helpers than Car U. Car T travelled less distance than Car R. E×actly one car travelled a distance that lies between the distances travelled by Car S and Car P. Car T travelled a distance which is a multiple of 7. Car Q travelled less distance than Car R. Car S has one helper more than Car T. Car P has a number of helpers that is a multiple of 5. Car S travelled an even-numbered distance. Car U travelled more distance than Car R. Car P has fewer helpers than Car U.

Q1. What is the sum of the number of helpers in Car Q and the distance travelled by Car R?

(a) 37
(b) 41
(c) 45
(d) 47
(e) 49

Q2. Which of the following statements is/are true?

I. Car U travelled an even-numbered distance and has 8 helpers.
II. Car R has more helpers than Car Q, but travelled less distance than Car Q.
III. Car T travelled the least distance.

(a) Only I
(b) Only II
(c) Only III
(d) Both I and II
(e) Both I and III

Q3. Which among the following pairs of cars travelled the ma×imum distance and had the ma×imum number of helpers respectively?

(a) R, U
(b) U, R
(c) P, U
(d) U, Q
(e) R, S

Q4. Which car has 6 helpers and what distance did it travel?

(a) Q - 14 km
(b) T - 24 km
(c) U - 42 km
(d) R - 35 km
(e) P - 18 km

Q5. Which of the following cars travelled the second highest distance?

(a) P
(b) Q
(c) R
(d) S
(e) U

Q6. Directions: Read the information and answer the given questions.

Eight people A, C, F, H, J, L, N, and R are sitting around a circular table facing the centre. According to the English alphabetical order, there are at least two letters between the names of any two persons who sit adjacent to each other.

F sits third to the left of L. R sits second to the right of J. Two persons sit between J and H. F and H are not immediate neighbours of each other. One person sits between N and C, and C is an immediate neighbour of L. A and F are immediate neighbours.

Who among the following sits fourth to the right of C?

(a) A
(b) F
(c) H
(d) J
(e) L

Directions

Directions: Study the following information carefully and answer the given questions.

In a certain code language:

A*5B → A is 8 m north of B

A#2B → B is 4 m south of A

A%3B → A is 6 m east of B

A!4B → B is 6 m west of A

Given conditions: H!13R, C%6Q, L*1P, P!4E, T%5P, W*8J, Q!12D, D#7L, R#4T, H*2W

Q7. What is the direction of Point J with respect to Point Q?

(a) North
(b) South-east
(c) North-west
(d) South-west
(e) South

Q8. What is the shortest distance between Point R and Point P?

(a) 20 m
(b) 10 m
(c) 15 m
(d) 17 m
(e) 18 m

YourMockTest.com — Free Study Material

Q9. Four of the following five are alike in a certain way and thus form a group. Find the one which does not belong to the group.

(a) R - C
(b) H - T
(c) L - Q
(d) E - L
(e) P, H

Q10. Which among the following point is in the north-west of W?

(a) H
(b) D
(c) T
(d) P
(e) E

Directions

Directions: Read the information and answer the given questions.

A certain number of persons sit in a row and face north. Each of them has a different item. M sits second to the right of the one who has Envelope. Three persons sit between L and the one who has Envelope. One person sits between L and the person who has Doormat. Two persons sit between the ones who has Doormat and Glue. P sits immediate right of the one who has Glue. V sits second to the left of P, who doesn't have Envelope. As many persons sit between V and the one who has Doormat as between P and the one who has Shoes. The one who has Shoes sits to the right of the one who has Glue and second to the left of O. P sits fifth from one of the extreme ends and has Stapler. Three persons sit between the ones who have Tape and Stapler. Nine persons sit between the ones who have Tape and Alarm Clock. The one who has Slippers sits fourth to the right of the one who has Alarm Clock and sits at one of the extreme ends of the row. The number of persons sitting between the one who has Slippers and L is two more than the number of persons sitting between V and N. V has Wallet. The one who has Slippers sits second to the right of T. Eight persons sit between S and T. S sits third to the right of Q.

Q11. Which among the following combinations is/are correct?

(a) T - Alarm Clock
(b) N - Glue
(c) V - Tape
(d) M - Slippers
(e) O - Wallet

Q12. What is the position of the one who has Shoes with respect to Q?

(a) Tenth to the left
(b) Ninth to the right
(c) Eighth to the right
(d) Seventh to the left
(e) Ninth to the left

Q13. What is the sum of the number of persons sitting to the left of S and the number of persons sitting between P and the one who has Slippers?

(a) 10
(b) 11
(c) 12
(d) 13
(e) 14

Q14. Who among the following sits exactly between the person who has Tape and the person who has Envelope?

(a) The one who has Shoes
(b) N
(c) The one who has Alarm Clock
(d) P

YourMockTest.com — Free Study Material

(e) The one who has Glue

Q15. How many persons are sitting in the linear row?

(a) 14
(b) 15
(c) 16
(d) 17
(e) 18

Q16. Directions: Read the passage carefully and answer the given question.

A fintech startup launched a mobile-based micro-loan app targeting daily wage workers in semi-urban areas. The app promised instant approvals, minimal documentation, and flexible repayment schedules. Initial downloads were high due to aggressive digital marketing. However, within six months, default rates increased sharply, customer complaints surged, and regulatory authorities issued warnings regarding lending practices. Eventually, the startup was forced to suspend new loan disbursements.

What could be the most probable reason for the failure of this fintech initiative?

(a) The target customers lacked smartphones with sufficient storage.
(b) Weak risk assessment and credit profiling led to high loan defaults.
(c) Competitors copied the model and reduced profit margins.
(d) Marketing expenses exceeded the company's financial capacity.
(e) Multiple operational, regulatory, and risk-management issues together caused failure.

Q17. Directions: Read the passage carefully and answer the given question.

An ed-tech company launched an AI-powered adaptive learning platform for competitive exam aspirants. The platform analyzed student performance in real time and customized study plans accordingly. Over a year, the platform reported higher student retention, improved exam success rates, and strong word-of-mouth referrals. Several coaching institutes partnered with the company to integrate the platform into their curriculum.

What is the most likely reason for the rapid adoption of this ed-tech platform?

(a) It replaced traditional classroom coaching completely.
(b) Personalized learning improved outcomes and user engagement.
(c) The company spent heavily on celebrity endorsements.
(d) Government regulations mandated digital learning platforms.
(e) A combination of personalization, performance improvement, and institutional partnerships.

Q18. Directions: Read the passage carefully and answer the given question.

A state government announced a policy to mandate rainwater harvesting systems in all new residential and commercial buildings. The policy aims to address declining groundwater levels and increasing water scarcity in urban areas. While environmentalists praised the move, real estate developers expressed concerns about increased construction costs and approval delays.

Which of the following assumptions can be made from the above statement?

I. Groundwater depletion has become a serious concern for urban planners.

II. The government believes policy intervention can influence sustainable construction practices.

III. Existing buildings will immediately face penalties for non-compliance.

(a) Only I and II
(b) Only II and III
(c) Only I and III
(d) All three I, II, and III
(e) Only I

Q19. Directions: Read the passage carefully and answer the given question.

A private hospital chain introduced a centralized digital health record system across all its branches to improve coordination among doctors and reduce medical errors. Although doctors in metro hospitals adapted quickly, staff in smaller towns faced difficulties in using the system, leading to delays in patient care and increased workload complaints.

What could be the most plausible reason for the challenges faced in smaller towns?

(a) The software was technically faulty.
(b) Insufficient training and digital literacy among staff.
(c) Patients refused to share medical information digitally.
(d) Internet services were completely unavailable.
(e) Resistance to change combined with inadequate implementation support.

Q20. Directions: Read the passage carefully and answer the given question.

A multinational FMCG company noticed that sales of its packaged food products declined in urban markets, while sales of organic and locally sourced alternatives increased significantly. Surveys revealed that consumers were increasingly concerned about health, ingredient transparency, and sustainability.

Which of the following can be logically inferred from the given information?

(a) Consumers are shifting from convenience to conscious consumption.
(b) Packaged food will disappear from urban markets.
(c) Price is no longer a factor in purchasing decisions.
(d) Organic products are cheaper than packaged foods.
(e) Government policies forced consumers to change preferences.

Directions

Directions: A word arrangement machine rearranges words given in a certain order based on specific rules in multiple steps. Observe the pattern and answer the questions accordingly.

Input: PLANET ORIGIN SYMBOL CANDLE IMAGES

Step I: SYMBOL PLANET ORIGIN IMAGES CANDLE

Step II: SMO YBL PAE LNT RGN OII MGS IAE CNL ADE

Step III: AEE COL IBE LOT MHS OJI PBE RHN SNO YCL

Step IV: AEE OLC BEI TOL SMH IJO PEB RNH SON YLC

Step V: AEF BEJ IJP OLD PEC RNI SMI SOO TOM YLD

Step V is the last step of the given example. Illustrate the above input arrangement and obtain the steps for the input given below:

Input: ANCHOR FROZEN TABLET LANTER ORBITS

Q21. Which word is third to the right of the first word from the left end in Step V?

(a) EJP
(b) COU
(c) MJO
(d) LTN
(e) SRO

Q22. Which of the following is a correct combination of words in the penultimate step?

(a) ALT RIS OBT
(b) LNE ATR FOE
(c) PFE OLE RNI
(d) ANR LTN MJO
(e) AMT AUR FPE

Q23. What is the position of the word “LNE” with respect to “ACO” in Step II?

(a) Sixth to the left
(b) Fifth to the left
(c) Immediate left
(d) Seventh to the left
(e) Immediate right

Q24. Which word is fourth from the right end in Step III?

(a) ADP
(b) OCT
(c) RJS
(d) RAN
(e) AMU

Q25. How many words are there between “AMU” and “PFF” in Step V?

(a) One
(b) Two
(c) Three
(d) Four
(e) None

Directions

Directions: Each question below is followed by three statements. You have to determine whether the data given in the statements are sufficient for answering the question. Choose your answer from the options:

Q26. Seven persons, namely, J, K, L, M, N, O, and P, visited a museum on seven different days of the week starting from Monday to Sunday, but not necessarily in the same order. On which day did J visit the museum?

Statement I: Two persons visited between L and O. N visited two persons after O. P visited before J.

Statement II: K visited before M, and M visited two persons after O. L visited on Monday. N visited after M. P visited before N. J visited before O.

Statement III: M visited either on Monday or on Sunday. K visited before P. As many persons visited before K as after N. P visited after L but before O.

(a) Statement I alone is sufficient to answer the question, while the data in statement II and statement III alone are not sufficient.
(b) Statement II alone is sufficient to answer the question, while the data in statement I and statement III alone are not sufficient.
(c) Statements I and III together are sufficient to answer the question.
(d) Statements I and II together are sufficient to answer the question.
(e) Statements I, II and III together are necessary to answer the question.

Q27. What will be the code for the words “forest is bright” in the given coded language?

Statement I: In a certain language, "mountain bright sky cloud" is coded as “za tp lm rk”, and "forest cloud dark sky" is coded as “rk lm se tp”.

Statement II: In a certain language, "river is clean path" is coded as “mu ke jo fh”, and "clean garden path stone" is coded as “ke va jo nf”.

Statement III: In a certain language, "mountain blue forest river" is coded as “za wi rk mu”, and "bright river night" is coded as “tp mu gx”.

(a) Statement I alone is sufficient to answer the question, while the data in statement II and statement III alone are not sufficient.
(b) Statement II alone is sufficient to answer the question, while the data in statement I and statement III alone are not sufficient.
(c) Statements I and III together are sufficient to answer the question.
(d) Statements I and II together are sufficient to answer the question.
(e) Statements I, II and III together are necessary to answer the question.

Q28. Six book cartons, namely, Novel, Dictionary, Magazine, Atlas, Comic, and Encyclopedia, are stacked one above the other. The bottommost position is position 1, and the topmost is position 6. Each carton is packed in a different box color: Orange, Purple, Blue, White, Green, and Pink, but not necessarily in the same order. In which color box is the Encyclopedia crate placed?

Statement I: The Novel carton is placed two positions below the carton packed in the Green box. The Novel carton is not in the bottommost position. The number of cartons placed above the Green box is equal to the number of cartons placed below the White box.

YourMockTest.com — Free Study Material

Statement II: The Dictionary carton is placed immediately below the carton that is three positions above the White box. The Orange box is placed immediately above the Pink box. The Novel is in neither the Orange nor the Pink box.

Statement III: The Atlas carton is placed two positions above the carton packed in the Blue box. Atlas is not in the Green box. The Magazine carton is in neither the Green nor the Blue box. The Magazine carton is placed two positions above the Comic carton.

(a) Data in Statements II and III together are sufficient
(b) Data in Statements I and III together are sufficient
(c) Data in Statements I and II together are sufficient
(d) Data in All I, II, and III statements together are sufficient
(e) Data in All I, II, and III statements together are not sufficient

Q29. Six people, namely P, Q, R, L, M, and N, are sitting in two rows. P, Q, and R sit in row 1 facing south, and L, M, and N sit in row 2 facing north. Each person belongs to a different hobby. Who among the following faces Q?

Statement I: Q sits to the right of P. Q sits at one of the ends. R is a Photographer. The person who faces the Dancer sits immediately left of the Photographer.

Statement II: L faces the person who sits to the immediate left of Q. Q faces the person whose hobby is Painter. L is not a Singer.

Statement III: R sits to the immediate left of the person facing M. Only one person sits between the Painter and the Dancer. The person whose hobby is Singer sits immediately left of the person who faces the Writer.

(a) Data in either Statements II and III or Statements I and III together are sufficient
(b) Data in Statements II and III together are sufficient
(c) Data in Statements I and III together are sufficient
(d) Data in All I, II, and III statements together are sufficient
(e) Data in All the statements I, II, and III even together are not sufficient

Directions

Directions: Read the information and answer the given questions.

Ten flights are scheduled to take off from an airport between 4:00 pm to 5:00 pm. Each flight takes off at 5-minute intervals and is scheduled to land in different countries, Bhutan, Nepal, Malaysia, India, USA, Cambodia, Vietnam, Italy, Maldives, and Mauritius, but not necessarily in the same order.

Note: No two adjacent slots are vacant.

Flight AX takes off five slots before the flight that is scheduled to land in Malaysia. There are two slots between the flights that are scheduled to land in Malaysia and Cambodia. Flight BR takes off two slots after the flight that is scheduled to land in Malaysia. Flight AX takes off two slots before the flight, which is scheduled to land in India, and immediately after Flight CP's slot. There is a vacant slot adjacent to the slot of the flight that is scheduled to land in Cambodia and India. Flight CP lands in Vietnam. Flight DV takes off immediately after Flight EM's slot and two slots after the slot in which the flight that is scheduled to land in India. Flight FN takes off before Flight BR and is scheduled to land in Bhutan. Flight GT takes off before Flight FN, but not immediately before. Flight GT takes off six slots before the flight that is scheduled to land in the Maldives. Flight GT doesn't land in Italy. The flight, which is scheduled to land in the Maldives, has a slot that is adjacent to Flight HR's slot, and the flight, which is scheduled to land in the USA. Flight JK and Flight HR don't land in Malaysia. Flight GT, Flight LM, and Flight AX don't land in Nepal.

Q30. How many flights take off between Flight GT and the flight which is scheduled to land in Nepal?

(a) Eight
(b) Seven
(c) Nine
(d) Ten
(e) Six

Q31. Which among the following combinations is correct?

(a) Flight EM - 4:30 pm - USA
(b) Flight JK - 4:55 pm - Cambodia
(c) Flight HR - 4:25 pm - Maldives
(d) Flight DV - 4:35 pm - Malaysia
(e) Flight AX - 4:15 pm - Mauritius

Q32. The number of flights that take off before Flight EM is one more than the number of flights that take off after _____.

(a) Flight LM
(b) Flight DV
(c) Flight HR
(d) Flight FN
(e) Flight JK

Q33. Which flight is scheduled to land in Mauritius?

(a) Flight AX
(b) Flight BR
(c) Flight JK
(d) Flight LM
(e) Flight GT

Q34. Which of the following statement(s) is/are true?

(a) Flight EM takes off at 4:20 pm.
(b) Two flights took off after the flight which is scheduled to land in Cambodia.
(c) Flight FN takes off before Flight HR.
(d) There is a time difference of 25 minutes between the flights that are scheduled to land in Italy and Malaysia.
(e) Flight BR is not scheduled to land in Nepal.

Q35. Directions: Read the passage carefully and answer the given question.

A large pharmaceutical company voluntarily recalled one of its bestselling drugs after internal tests revealed potential long-term side effects, even though no regulatory directive was issued at that time. The decision led to short-term financial losses but improved the company's public image.

Which of the following can be best concluded from the above scenario?

(a) The company wanted to eliminate competition.
(b) Ethical considerations influenced corporate decision-making.
(c) Regulatory authorities forced the recall indirectly.
(d) The drug was immediately banned worldwide.
(e) The recall had no impact on consumer trust.

Q36. Directions: Read the passage carefully and answer the given question.

A city municipal corporation introduced a smart waste management system using GPS-enabled garbage trucks and sensor-based bins to optimize waste collection routes and reduce overflowing bins. The initiative resulted in improved cleanliness in central business districts. However, residents in peripheral areas reported minimal improvement, citing irregular collection schedules and a lack of system monitoring.

Which of the following assumptions is most implicit in the implementation of the smart waste management system?

(a) All city residents generate equal amounts of waste.
(b) Technology-driven monitoring can improve efficiency in waste collection.
(c) Peripheral areas produce less waste than central districts.
(d) Manual waste collection is completely ineffective.
(e) Residents will personally monitor garbage collection vehicles.

Q37. Directions: Read the passage carefully and answer the given question.

An insurance company launched a digital claims settlement platform to reduce paperwork and processing time. Urban policyholders quickly adopted the platform, leading to faster claim resolutions and higher customer satisfaction. However, adoption among rural policyholders remained low, and many continued to prefer branch-based claim filing.

What can be most logically inferred from the above information?

(a) Rural policyholders are not interested in insurance services.
(b) Digital platforms are ineffective in insurance operations.
(c) Lack of digital familiarity and access may limit rural adoption.

YourMockTest.com — Free Study Material

(d) Urban customers file more insurance claims than rural customers.
(e) The company should shut down physical branches.

Directions

Directions: Study the following information carefully to answer the given questions:
If 'A ¥ B' means 'A is the mother of B'
If 'A € B' means 'A is the sister of B'
If 'A $ B' means 'A is the father of B'
If 'A # B' means 'A is the brother of B'
If 'A % B' means 'A is the daughter of B'
If 'A © B' means 'A is the grandfather of B'
If 'A & B' means 'A is the husband of B'
If 'A * B' means 'A is the wife of B'
If 'A ^ B' means 'A is the son of B'
If 'A @ B' means 'A is the grandmother of B'

Q38. If K % L ^ M © N * O # P. How is K related to O?
(a) Mother
(b) Aunt
(c) Sister in law
(d) Brother in law
(e) Sister

Q39. Which of the following means X is the grandmother of Y?
(a) K # X ¥ Z # L $ Y
(b) Y ¥ K $ X # L
(c) X # Z ¥ K $ L # Y
(d) Y # L $ K ¥ X € Z
(e) None

Q40. How many male members are there in the following expression?
P ¥ Q & R € S $ T % V
(a) 3
(b) 4
(c) 1
(d) 5
(e) 2

DATA ANALYSIS & INTERPRETATION

Directions

Riya and Tina are two friends who sell cakes over three days: Saturday, Sunday, and Monday. Riya sells cakes on Sunday and Monday in the ratio 2:1. Tina sells 20 cakes on Monday. On Saturday, the number of cakes sold by Tina is equal to the average number of cakes sold by Riya across all three days. The difference between the cakes sold by Riya and Tina on Monday is the same as the difference between the cakes sold by them on Saturday. On each day, Tina sells more cakes than Riya.

Q41. Find which of the following/s is/are can be true?
I: If number of cakes sold by Riya on Monday is 18, then the total number of cakes sold by Tina on all three days together is 81.
II: The number of cakes sold by Riya on Saturday is 90.
III: If number of cakes sold by Riya on Saturday is 21, then lowest possible number of cakes sold by Tina on Sunday is 35.
(a) All false

(b) Only II true
(c) Only I true
(d) Only III true
(e) All true

Q42. If the number of cakes sold by Tina on all three days is 94, then find the number of cakes sold by her on Sunday.

(a) 44
(b) 65
(c) 38
(d) 66
(e) CND

Directions

In 2018, 4 vendors sold different number of items. Based on their sales, they are entitled to earn incentives. The tables given below some information about sales and incentives.

Vendors	Basic Pay	Sales target	Sales achieved	Number of units sold
P	3200	8000	-----	250
Q	------	7000	-------	300
R	3600	------	4500	-----
S	4000	10000	6600	330

Note: Each unit costs Rs. 20.

% of sales target realised = (sales achieved / sales target) * 100

Sales target = 2.5 times the basic pay.

Percentage of sales target realised	Incentive Amount
Above 80%	10500
60% to 80%	7500
Below 60%	6000

Q43. Find which of the following/s is/are true?

I: Total incentive earned by P and Q together is 15000.

II: The number of units sold by R is the lowest among all.

III: The incentive earned by S is more than that by R.

(a) Only II and III true
(b) Only I true
(c) Only II true
(d) Only III true
(e) All false

Q44. The basic pay of vendor K is 20% more than that of vendor Q and vendor K had sales achieve target rate of 60%. Find the number of units sold by vendor K?

(a) 252
(b) 325
(c) 622
(d) 722
(e) 855

YourMockTest.com — Free Study Material

Q45. The number of units sold by another vendor E is equal to average of number of units sold by P and Q. The basic pay of E is equal to the average of basic pay of R and S. Find the amount of incentive received by Vendor E.

(a) 6000
(b) 10500
(c) 8500
(d) 7500
(e) 6500

Q46. How much incentive was earned by vendor Q?

(a) 10500
(b) 6400
(c) 5400
(d) 7400
(e) 6200

Q47. Sales achieved by vendor P is what percentage of sales achieved by vendor Q?

(a) 83.33
(b) 86.55
(c) 72.5
(d) 67.5
(e) 55

Directions

$x^2 - 14x + 48 = 0$.

A set of natural numbers has to be formed which consists of 6 numbers and the last number is 30. The first number of the set is the highest root of the given equation. The second number of the set is (n+4) - 2n; where n is the difference between the roots of the given equation. The third number of the set is $(n+1)^2 - (n+1)$. The fourth term of the set is $(n+2)^2 - (n+2)$. The fifth term of the set is $(n+1)^3 - (n+5)$.

Q48. Find which of the following/is are true?

I. The product of 2nd and fifth number is a perfect square.

II. The average of last 4 numbers is 17.

III. If the 7th term of the set is 6th term + n3, then the resultant term is a factor of 114.

(a) Only II and III true
(b) All true
(c) All false
(d) Only I true
(e) Only III true

Q49. Find HCF of 3rd and 4th number?

(a) 10
(b) 6
(c) 7
(d) 8
(e) 11

Q50. The volume of a cuboid is 120 m^3 and the lateral surface area of the cuboid is 140 m^2. The length, breadth and height of the cuboid is denoted as l, b and h respectively. (l > b) and l, b and h are integers.

Quantity I: 2l - b – h / 2

Quantity II: 3b / l × h

Quantity III: [2b - l]/ h

(a) Quantity I > Quantity III < Quantity II
(b) Relation cannot be established
(c) Quantity II > Quantity III > Quantity I

YourMockTest.com — Free Study Material

(d) Quantity I > Quantity III > Quantity II
(e) Quantity I > Quantity II > Quantity III

Q51. There are five persons M, N, O, P and Q. Total weight of all the person is 200 kg. Total weight of M and N is 56 kg. The ratio of weights of M and N is 3:5. Weight of O is more than M but less than N. Weight of P is more than N and weight of Q is more than P. Values of all the weights are integers.

Which of the following/s is/are true?

a. Maximum possible weight of O is 34 kg.

b. Maximum possible weight of Q is 74 kg.

c. Maximum possible weight of P is 56 kg.

(a) Only a true
(b) Only b true
(c) Only c true
(d) All true
(e) All false

Q52. The usual speeds of trains A (S_A) and B (S_B), in km/hr, with (S_A) > (S_B), are the roots of the quadratic equation $x^2 - 130x + 4200 = 0$. Let T_A and T_B be their usual times in hours to cover a certain distance D km. If their speeds are swapped for the same distance D (i.e., A travels at S_B and B travels at S_A), train A then takes (T_A + 2) hours and train B takes (T_B - 2) hours.

Find the sum of the original times, T_A and T_B.

(a) 26
(b) 22
(c) 24
(d) 28
(e) 29

Q53. Statement I: Length of cuboid Q is 75% of the length of cuboid P. Height of cuboid P is 20% more than that of cuboid Q. The difference between the breadth of cuboid P and Q is z. The breadth of cuboid P is more than the breadth of cuboid Q. The ratio of volumes of cuboid P and Q is 8:3 respectively.

Statement II: There is a cube whose area is 225 z m^2. The side of the cube is equal to the breadth of cuboid P.

Using both the statements determine the value of z.

(a) 9
(b) 6
(c) 5
(d) 4
(e) 7

Q54. $x^2 - Px + 32 = 0$; One root of the equation is 4 and the other root is 4A.

2 × cube root of Y = Square root of Y.

Quantity I: $Z^2 - KZ + 990 = 0$; a and b are roots of the equation where a > b. The value of K = 5P + 3. Find the value of 2a.

Quantity II: Value of Y + A.

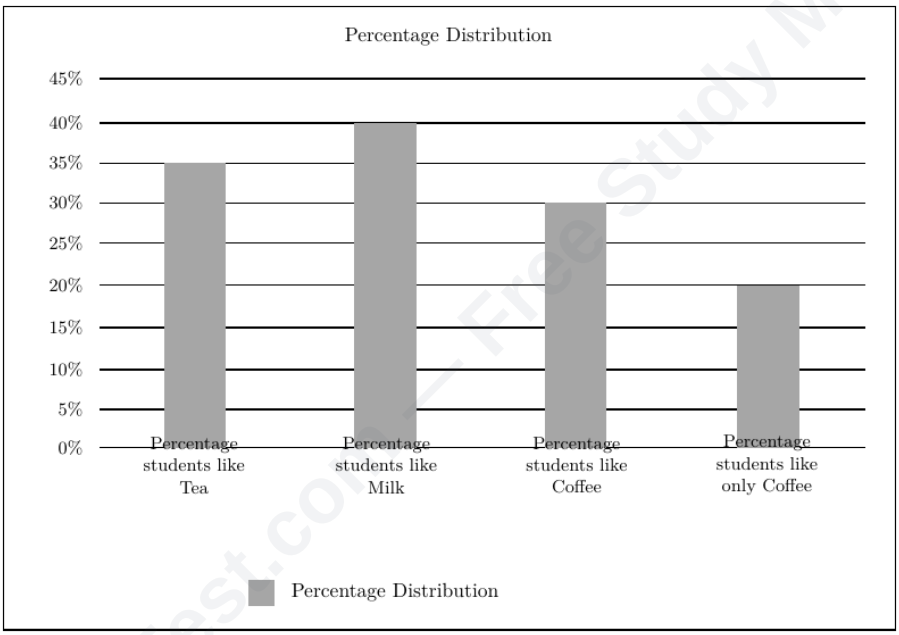
Quantity III: Value of (Y+2) - Highest root of the given equation.

(a) Quantity I > Quantity II > Quantity III.
(b) Quantity I < Quantity II > Quantity III.
(c) Quantity I = Quantity II = Quantity III.
(d) Quantity I < Quantity II < Quantity III.
(e) Quantity I ≥ Quantity II > Quantity III.

Directions

There are 200 students in a school. The data given about their likings among three different drinks Tea, Coffee and milk. Each student who likes a drink likes at least one or more drinks. Some students do not like any drink. The bar graph given below shows the percentage distribution of students who like tea, milk, coffee and only coffee. No students like all three drinks.

[Figure: see this question online]



Note: Number of Students who do not like any drinks = 2 × Number of students who like Tea and milk only.
Number of Students who do not like any drinks = Number of students who like Tea and coffee only + 20."

Q55. Out of total students who like only tea, 40% are boys. Find the number of girls who like only Tea?

(a) 36
(b) 45
(c) 42
(d) 32
(e) 24

Q56. Number of students who like both Tea and coffee but not milk is what percent of number of students who like both milk and coffee?

(a) 0
(b) 10
(c) 20
(d) 24
(e) 26

Q57. Find the ratio between number of students who like only tea and number of students who like only milk?

(a) 9:7
(b) 6:5
(c) 3:2
(d) 5:4
(e) 4:3

Q58.

Boats	Downstream speed (km/hr)	Upstream speed (km/hr)
P	15	12
Q	18	15

If boat P travels a certain distance in downstream and in upstream it takes 27 hours. Find the total time taken by boat Q to cover the same distance in downstream and in upstream.

(a) 26
(b) 32
(c) 28

(d) 36
(e) 22

Directions

A number series contains 6 terms. The first term of the series is x^0 where x is greater than 1. The second term of the series is smallest even prime number. The third term of the series is cube of the second term. The square root of 4^(th) term of the series is equals to the third term of the series. The square root of the 5^(th) term of the series is 2^5.

Q59. Find the value [6th term / 4th term]?

(a) 512
(b) 624
(c) 574
(d) 357
(e) 556

Q60. Find the difference between of cube of 3rd term and 5/8th of 5th of term?

(a) 352
(b) 456
(c) 365
(d) 475
(e) 128

Q61. The sum of first and 5th number is

(i) Multiply of 5,
ii) Sum of digit is 7,
iii) A perfect square number.

(a) Only I true
(b) Only II false
(c) Only III false
(d) All true
(e) All false

Q62. The time taken by P to complete a work is 75 days. Q takes 2x% more days than P to complete the same work and R takes x% more days than Q to complete the work. The time taken by R alone to complete the work is equal to the sum of the time taken by P and Q alone to complete the work. Find the time taken by Q and R together to complete 50% of the work.

(a) 40
(b) 56
(c) 45
(d) 36
(e) 32

Directions

Set M contains 4 consecutive even numbers and set N contains 4 consecutive multiples of 7. The HCF of smallest numbers of both the set is 6. 2^(nd) lowest number of set M is a single digit number. One of the numbers of set N is a perfect square.

Q63. Find which of the following/s is/are true?

I: largest number of set N is a multiple of 9.
II: the difference between smallest term of set M and 2nd smallest term of set N is a composite number.
III: The sum of all the numbers of set N is less than 250.

(a) Only II
(b) Only I
(c) All true
(d) All false

YourMockTest.com — Free Study Material

(e) Only I and III

Q64. What is sum of 2nd largest number of both sets?

(a) 46
(b) 66
(c) 74
(d) 89
(e) 96

Directions

There are three sets of natural numbers: P, Q, and R. In set P, the product of its smallest and largest elements is 27. The number of elements in set P is one fewer than in set Q. In set Q, the product of its smallest and largest elements is 58 greater than that of set P. The number of elements in set Q is one more than in set R. The product of the smallest and largest elements of set R is 23. Set R contains exactly two prime numbers.

Additional conditions:

• No set contains duplicate numbers.
• All sets contain distinct elements.
• The smallest element of each set is different from the others.
• Altogether, the three sets have 13 elements in total.

Q65. The possible product of any two number of set Q can be

i) 70, ii) 72 and iii) 120

(a) Only I
(b) Only II
(c) Only III
(d) None
(e) All Possible

Q66. What can be the maximum sum of elements of set R?

(a) 45
(b) 65
(c) 95
(d) 85
(e) 35

Q67. What is maximum possible difference between largest element of set P and 2nd smallest element of set P?

(a) 3
(b) 8
(c) 5
(d) 4
(e) 7

Q68. What is the sum of all the smallest elements of all the sets?

(I) The root of equation $x^2 - 18x + 81 = 0$

(II) $16^2 – 8^2$

(III) Cube of smallest prime number

(a) Only II
(b) Only III
(c) All three
(d) None
(e) Only I

YourMockTest.com - Free Study Material

Q69. A container holds some yellow, orange, and purple marbles. The probability of drawing a yellow marble is (p), and the probability becomes (1.5p) if half of the orange marbles are removed from the container. If one-fourth of the marbles are purple, find the value of p.

(a) 1/6
(b) 1/12
(c) 1/3
(d) 5/12
(e) 5/18

Q70. A kid stole 'Z' litres honey from a fully filled 150 litres vessel and refilled the vessel with same quantity of water so that no one notices the change in quantity of honey. He repeated the same process for 3 more times after which the quantity of honey left in the vessel was 88.56 litres less than the original quantity of honey when it fully filled. find the value of Z?

(a) 15
(b) 20
(c) 25
(d) 30
(e) 40

GENERAL/ ECONOMY/ BANKING AWARENESS

Q71. In March 2025, a powerful 7.7 magnitude earthquake struck Myanmar, causing massive destruction and requiring urgent international humanitarian support. India responded swiftly with search and rescue teams, medical units, and relief supplies transported by air and sea as part of a coordinated Humanitarian Assistance and Disaster Relief (HADR) mission. What was the official name given to this Indian relief operation for Myanmar?

(a) Operation Sagar
(b) Operation Mitra
(c) Operation Brahma
(d) Operation Maitri-II
(e) Operation Karuna

Q72. In 2024, BRICS created "partner countries" category to expand engagement with Global South nations from Asia, Africa, and Latin America without full membership. Which country is not among BRICS partner countries under this arrangement?

(a) Belarus
(b) Bolivia
(c) Cuba
(d) Indonesia
(e) Venezuela

Q73. Production Linked Incentive schemes boosted India's electronics manufacturing significantly. Domestic production of electronic goods rose from Rs 1.90 lakh crore in FY 2014-15 to what level in FY 2023-24?

(a) Rs 4.50 lakh crore
(b) Rs 9.52 lakh crore
(c) Rs 6.75 lakh crore
(d) Rs 8.20 lakh crore
(e) Rs 10.00 lakh crore

Q74. In March 2025, the Government of India established the Inter-Ministerial-Industry Committee on Fintech (IMICF) to address regulatory challenges, strategic roadmap, and global practices in fintech sector involving multiple ministries and stakeholders. Who was appointed to chair this important IMICF committee?

(a) Finance Secretary, Ministry of Finance
(b) Nagaraju Maddirala, Secretary DFS
(c) Governor, Reserve Bank of India
(d) CEO, NITI Aayog

YourMockTest.com — Free Study Material

(e) Chairperson, SEBI

Q75. In September 2024, India-US conducted the largest joint military drill at Mahajan Field Firing Ranges, Rajasthan to enhance interoperability, counter-terrorism under the UN mandate. Name this bilateral army exercise?

(a) Vajra Prahar
(b) Tiger Triumph
(c) Yudh Abhyas
(d) Cope India
(e) Shatrujeet

Q76. In March 2025, Ministry of Health and Family Welfare launched Zoowin Portal to strengthen zoonotic disease surveillance, integrating human-animal health data for early warning systems. Which international organisation co-developed this important digital health platform with Indian government?

(a) WHO
(b) FAO
(c) UNDP
(d) UNICEF
(e) World Bank

Q77. Consider the following statements regarding the SBI Research Report on 10 years of Pradhan Mantri Mudra Yojana (PMMY). Which of them are correct?

1. Bihar has the highest number of PMMY women entrepreneurs, followed by Tamil Nadu and West Bengal.
2. Maharashtra has the highest percentage of women MUDRA account holders.
3. Out of the 52 crore MUDRA accounts opened, 20% fall under the Shishu category.

(a) 1 only
(b) 2 only
(c) 3 only
(d) 1 and 3 only
(e) 1 and 2 only

Q78. During the Budget 2025-2026 presentation, the Finance Minister announced the Urban Challenge Fund to support "Cities as Growth Hubs", creative redevelopment, and water-sanitation projects. What total corpus was allocated for this transformative Urban Challenge Fund?

(a) Rs 25,000 crore
(b) Rs 50,000 crore
(c) Rs 75,000 crore
(d) Rs 1 lakh crore
(e) Rs 1.5 lakh crore

Q79. The Union Cabinet approved amendments to banking laws modernising the nomination framework for deposits and lockers effective November 2025. Under revised rules, what maximum number of nominees are permitted for Fixed Deposit account?

(a) 1 nominee
(b) 2 nominees
(c) 3 nominees
(d) 4 nominees
(e) 5 nominees

Q80. RBI circular dated 28 March 2025 rationalised ATM cash withdrawal charges beyond free usage limits effective 1 May 2025. What maximum fee permitted per additional ATM transaction beyond the free limit?

(a) Rs 15
(b) Rs 18
(c) Rs 20
(d) Rs 21
(e) Rs 23

YourMockTest.com — Free Study Material

Q81. Priority Sector Lending guidelines mandate specified percentage of Adjusted Net Bank Credit towards agriculture, MSMEs, weaker sections. Which entity is excluded from PSL applicability requirements?

(a) Scheduled Commercial Banks including RRBs
(b) Small Finance Banks
(c) Local Area Banks
(d) Primary Urban Cooperative Banks except Salary Earners' Banks
(e) Foreign Exchange Dealers Association

Q82. On 1 April 2025, the Finance Minister inaugurated the 'NITI NCAER States Economic Forum' portal enhancing data-driven policy dialogue. In the NCAER abbreviation, what does 'A' represent?

(a) Analytical
(b) Applied
(c) Advisory
(d) Administrative
(e) Advanced

Q83. In August 2024, Krishi-Decision Support System platform launched integrating satellite, weather, field data for agriculture advisories. Which department organised this Krishi-DSS initiative?

(a) Department of Rural Development
(b) Department of Agriculture & Farmers' Welfare
(c) Department of Food & Public Distribution
(d) Department of Agricultural Research & Education
(e) Department of Land Resources

Q84. RBI guidelines require NBFCs/HFCs to report frauds occurring in which specific group entities to ensure comprehensive risk monitoring?

(a) Only parent
(b) All group companies
(c) Joint ventures and subsidiaries/affiliates
(d) Non-banking only
(e) Overseas only

Q85. Certificates of Deposit represent negotiable money market instruments issued by banks raising short-term funds. Per RBI guidelines, what constitutes minimum maturity tenure for bank-issued Certificate of Deposit?

(a) 7 days
(b) 14 days
(c) 30 days
(d) 45 days
(e) 90 days

Q86. National Green Hydrogen Mission represents India's strategic push towards clean energy transition positioning the country as a global leader in production, usage, export of green hydrogen. With which Sustainable Development Goals does this mission primarily align?

(a) SDG 2, SDG 6, SDG 11
(b) SDG 7, SDG 9, SDG 13
(c) SDG 1, SDG 4, SDG 8
(d) SDG 5, SDG 10, SDG 16
(e) SDG 12, SDG 14, SDG 15

Q87. Reserve Bank of India released latest Balance of Payments data showing external sector dynamics for Q3 FY25. What constituted India's Current Account Deficit value for the October-December 2024 quarter?

(a) USD 8.2 billion
(b) USD 10.4 billion
(c) USD 11.5 billion
(d) USD 13.1 billion

YourMockTest.com — Free Study Material

(e) USD 16.7 billion

Q88. Bhagavad Gita, Natyashastra manuscripts inscribed in the UNESCO Memory World Register alongside the Rig Veda, Gilgit Manuscript. With these additions, what constitutes India's total entries in the prestigious register?

(a) 10
(b) 14
(c) 16
(d) 18
(e) 12

Q89. The Ministry of Agriculture Farmers Welfare released Second Advance Estimates on 10 March 2025 showing record Rabi season outputs of major crops. What constitutes projected wheat production Rabi 2024-25 season?

(a) 1132.92 LMT
(b) 1206.79 LMT
(c) 1154.30 LMT
(d) 1663.91 LMT
(e) 4350.79 LMT

Q90. The Department for Promotion of Industry and Internal Trade collaborates to support fintech startups with mentorship, funding, and market access opportunities. Which company signed an MoU with DPIIT to bolster the fintech innovation ecosystem?

(a) PhonePe
(b) Paytm
(c) Razorpay
(d) BharatPe
(e) Groww

Q91. India leads globally in AI skill penetration according to Stanford AI Index 2024 with a score of 2.8 ahead of USA (2.2) and Germany (1.9), driven by IndiaAI Mission initiatives. What is India's global ranking in AI skill penetration?

(a) 2nd
(b) 5th
(c) 4th
(d) 3rd
(e) 1st

Q92. What is the revised daily wage under the MGNREGA scheme for FY26 as per the March 2025 notification by the Ministry of Rural Development?

(a) Rs 349
(b) Rs 355
(c) Rs 365
(d) Rs 370
(e) Rs 375

Q93. Reserve Bank Innovation Hub developed an advanced AI/ML model to combat mule accounts and financial fraud effectively. What is the name of RBI's novel digital fraud detection tool?

(a) FraudShield.AI
(b) CyberGuard.AI
(c) RiskSentinel.AI
(d) MuleHunter.AI
(e) ScamBlock.AI

Q94. The Reserve Bank of India proposed revising the bulk deposit definition for Local Area Banks to enhance the regulatory framework. What is the proposed bulk deposit limit for LABs?

(a) Rs 5 crore
(b) Rs 50 lakh
(c) Rs 1 crore

YourMockTest.com — Free Study Material

(d) Rs 2 crore
(e) Rs 10 crore

Q95. The Ministry of Minority Affairs launched an integrated development scheme consolidating five existing programmes for cultural and economic empowerment. What is the formal name of the PM VIKAS scheme?
(a) Pradhan Mantri Van Dhan Ka Samvardhan
(b) Pradhan Mantri Vikas Ka Samvardhan
(c) Pradhan Mantri Viksit Ka Samvardhan
(d) Pradhan Mantri Virasat Ka Samvardhan
(e) Pradhan Mantri Vishwakarma Ka Samvardhan

Q96. In December 2024, India signed a policy-based loan with a multilateral development bank to strengthen logistics efficiency under the SMILE (Sustainable, Multimodal, Inclusive, Logistics and Efficiency enhancement) programme. Which institution extended a USD 350 million loan to support India's logistics sector reforms?
(a) New Development Bank
(b) World Bank
(c) International Finance Corporation
(d) Asian Development Bank
(e) Asian Infrastructure Investment Bank

Q97. The Government of India decided to discontinue a specific component of the Gold Monetisation Scheme (GMS) with effect from 26 March 2025, following a review of its performance. Which component of GMS has been discontinued for fresh deposits?
(a) Sovereign Gold Bond
(b) Short Term Bank Deposit
(c) Medium Term and Long Term Government Deposit
(d) Gold Deposit Scheme, 1999
(e) Gold ETF Deposit Facility

Q98. Consider the following statements regarding the Stand-Up India Scheme. Which of them are correct?

1. The Stand-Up India Scheme completed 9 years on April 5, 2025, since its launch in 2016 to promote grassroots entrepreneurship.

2. The scheme provides bank loans between Rs 10 lakh and Rs 100 lakh to at least one SC/ST and one woman borrower per bank branch.

3. Only SC/ST entrepreneurs under the age of 18 are eligible for the scheme.

(a) 1 only
(b) 2 only
(c) 3 only
(d) 1 and 2 only
(e) 1 and 3 only

Q99. Indian migrant workers in blue-collar jobs form a major part of the overseas workforce, especially in Gulf Cooperation Council (GCC) countries. Which country hosts the largest share of Indian blue-collar migrants?
(a) Saudi Arabia
(b) United Arab Emirates
(c) Kuwait
(d) Qatar
(e) Oman

Q100. Under the National Mission on Edible Oils – Oil Palm, India is working to expand domestic palm oil production to reduce import dependence. Which state is currently the top palm oil producing state in India?
(a) Andhra Pradesh
(b) Telangana
(c) Karnataka
(d) Tamil Nadu

(e) Odisha

Q101. A new “Frontier Seed” initiative was launched to catalyse private investments in high-impact, ocean-focused businesses across Pacific Island countries, aiming to strengthen climate resilience and sustainable blue economy growth. Which multilateral institution launched the “Frontier Seed” facility to boost private sector growth and ocean impact in the Pacific?

(a) World Bank
(b) International Finance Corporation
(c) Asian Development Bank
(d) Asian Infrastructure Investment Bank
(e) New Development Bank

Q102. The Union Cabinet recently cleared a major road infrastructure project involving construction of a 6-lane access-controlled greenfield highway to improve connectivity, reduce travel time, and support industrial corridors. In which state has this new 6-lane access-controlled greenfield highway project been approved?

(a) Gujarat
(b) Maharashtra
(c) Rajasthan
(d) Karnataka
(e) Madhya Pradesh

Q103. The BHIM application, built on the Unified Payments Interface (UPI), has been upgraded to offer more user-friendly and secure digital payment services. Which of the following statements correctly describes the launch of BHIM 3.0?

(a) It removed UPI support and works only with debit cards.
(b) It restricted usage only to government employees.
(c) It introduced features such as multilingual support, recurring payments, and improved security.
(d) It can be used only for offline SMS-based transactions.
(e) It was converted exclusively into an internet banking portal.

Q104. The Reserve Bank of India has created an online platform called IDPMS to help banks and businesses digitally record and monitor import transactions, improving transparency and regulatory compliance. In the acronym IDPMS, what does the letter “P” stand for?

(a) Payment
(b) Protocol
(c) Policy
(d) Processing
(e) Platform

Q105. RBI mandates banks to issue multiple reminders for periodic KYC updates; those who fail to comply even after notices can lead to which account consequence?

(a) Balance increase
(b) Merger with another
(c) Account Closure after notice
(d) Additional fees
(e) Higher risk assignment

Q106. ISO 20022 is a global standard for financial messaging used in payments and securities systems. India was among the early adopters of ISO 20022-based messaging for high-value transactions to standardise formats. Which of the following payment systems in India is associated with India’s early adoption of ISO 20022 messaging standards?

(a) NEFT retail transfers only
(b) IMPS low-value payments only
(c) RTGS high-value real-time payments
(d) CTS cheque truncation system only
(e) ATM networks only

YourMockTest.com – Free Study Material

Q107. India’s merchandise and services exports together reached a significant level in 2024, reflecting diversification in markets and product baskets. What was India’s overall export value (goods plus services) in 2024?

(a) USD 550.00 billion
(b) USD 600.25 billion
(c) USD 650.40 billion
(d) USD 682.59 billion
(e) USD 700.10 billion

Q108. Some countries are widely recognised as supportive of startup ecosystems through policies, funding support, and innovation infrastructure, while others are less favourable. Based on global startup ecosystem rankings and support indicators, which of the following is most likely to be considered among the most startup-friendly countries?

(a) United States
(b) Israel
(c) India
(d) Singapore
(e) A traditionally low-ranked, regulation-heavy economy

Q109. Local Area Banks (LABs) are small, region-focused banks introduced to mobilise rural savings and provide credit in specific local areas. What is the minimum paid-up capital requirement prescribed for a Local Area Bank in India?

(a) Rs 2 crore
(b) Rs 1 crore
(c) Rs 10 crore
(d) Rs 5 crore
(e) Rs 20 crore

Q110. In January 2025, the Chairman of the 16th Finance Commission released a new assessment prepared by NITI Aayog to evaluate state-level public finances. As per the ‘Fiscal Health Index (FHI) 2025’ for FY 2022-23, which state secured the top rank with a composite FHI score of 67.8?

(a) Gujarat
(b) Odisha
(c) Maharashtra
(d) Chhattisgarh
(e) Goa

Q111. Which Indian state holds the top position in lentils production, contributing significantly to the country's overall output primarily through cultivation known as the lentil bowl?

(a) Uttar Pradesh
(b) Madhya Pradesh
(c) Rajasthan
(d) Bihar
(e) Maharashtra

Q112. The Rashtriya Gokul Mission, launched to conserve indigenous cattle breeds and enhance dairy productivity, has played a pivotal role in India's position as the global leader in milk production over the past decade. What percentage increase in India's milk production has been recorded during the last ten years under this mission and related government initiatives?

(a) 45.67%
(b) 52.34%
(c) 63.55%
(d) 70.12%
(e) 78.89%

YourMockTest.com — Free Study Material

Q113. The 2025 International Booker Prize shortlist featured six exceptional translated fiction works, including a sociological novel exploring contemporary existential themes through the lives of a disillusioned expat couple in Berlin. Which book by Italian author Vincenzo Latronico made the shortlist, praised for its taut narrative and scathing social commentary?

(a) The Safekeep
(b) The Promise
(c) Perfection
(d) Kairos
(e) Material

Q114. Which of the following statements are correct about the Vigyan Dhara scheme launched by the Government of India in January 2025?

1. The Vigyan Dhara scheme merges three existing umbrella schemes under the Ministry of Science and Technology (MoS&T).
2. The total outlay for the scheme is Rs. 5,000 crore for the 15th Finance Commission period (2021-22 to 2025-26).
3. The annual allocation for the scheme increased by 4.31 times, from Rs. 330.75 crore (2024-25) to Rs. 1,425 crore (2025-26).

(a) Only 1
(b) Only 1 and 3
(c) Only 2
(d) Only 3
(e) All are correct

Q115. Under the Pradhan Mantri Matsya Sampada Yojana, the Department of Fisheries identified coastal villages for comprehensive development into economically vibrant and climate-resilient settlements equipped with modern infrastructure like processing centres and emergency facilities. How many such coastal fishermen villages have been selected for transformation into Climate Resilient Coastal Fishermen Villages (CRCFV)?

(a) 50
(b) 75
(c) 150
(d) 100
(e) 125

Q116. In the context of sustainable development initiatives in India's North Eastern Region, a dedicated bamboo development programme has been implemented to promote value addition, livelihood generation and industrial linkages. What percentage share of responsibilities and benefits is assigned to the central "Project Bamboo Northeast Centre" under this framework?

(a) 75%
(b) 10%
(c) 25%
(d) 33%
(e) 50%

Q117. In 2024, India's coal sector saw a technological shift when a major public sector coal enterprise introduced an advanced underground mining method. The method, known as Paste Fill Technology. Which coal public sector undertaking (PSU) became the first in India to implement Paste Fill Technology in its mining operations?

(a) Neyveli Lignite Corporation India Ltd
(b) Eastern Coalfields Limited
(c) Singareni Collieries Company Limited
(d) Western Coalfields Limited
(e) None of these

YourMockTest.com — Free Study Material

Q118. On 24 October 2024, the Union Cabinet, chaired by Prime Minister Narendra Modi approved a series of measures to support India's space ecosystem, rail connectivity and infrastructure funding. Among these, a dedicated Venture Capital Fund was cleared to catalyse private sector participation and innovation in the space domain under the aegis of IN-SPACe. What is the approved size of this Venture Capital Fund for the space sector?

(a) Rs. 500 crore
(b) Rs. 1,000 crore
(c) Rs. 750 crore
(d) Rs. 1,500 crore
(e) Rs. 2,245 crore

Q119. Sericulture plays a key role in rural livelihoods and silk production in India, supported by dedicated research and training institutions that develop improved silkworm breeds, mulberry varieties and extension techniques. In which state is the Central Sericultural Research and Training Institute (CSR&TI), a major sericulture research centre, located?

(a) Karnataka
(b) Tamil Nadu
(c) West Bengal
(d) Assam
(e) Jammu & Kashmir

Q120. Consider the following statements regarding Forbes' 2025 World's Billionaires List. Which of them are correct?

1. Elon Musk topped the 39th Annual Forbes Billionaires List 2025 with a net worth of USD 342 billion.
2. Mukesh Ambani is ranked 28th globally, while Gautam Adani is ranked 18th, making Adani the richest Indian.
3. Shiv Nadar and Savitri Jindal are among India's top 5 billionaires according to the 2025 list.

(a) 1 and 2 only
(b) 1 and 3 only
(c) 1 only
(d) 2 only
(e) 3 only

Q121. Which of the following collaborations aims to enhance digital safety in India in March 2025?

1. The Department of Telecommunications (DoT) and WhatsApp collaborated to expand Meta's safety campaign 'Scam Se Bacho.'
2. The DoT launched the 'Sanchar Saathi portal' and mobile app to report fraud calls and track mobile connections.
3. WhatsApp will launch a new initiative for tracking lost or stolen devices in collaboration with the Ministry of Communications.

(a) Only 1 and 2
(b) Only 2 and 3
(c) Only 1
(d) Only 2
(e) None of them are correct

Q122. In May 2024, witnessed a breakthrough with the world's first fully 3D-printed rocket engine launch demonstrating additive manufacturing in rocketry. Name this pioneering 3D-printed rocket engine?

(a) Agnilet
(b) Vikas-X
(c) SABRE-3D
(d) Prarambh-X
(e) Relativity-ONE

Q123. RBI provides Ways and Means Advances to central government managing short-term cash flow mismatches. For H1 FY 2025-26 (April-September), what WMA limit did RBI set?

(a) Rs 50,000 crore
(b) Rs 75,000 crore

(c) Rs 1,00,000 crore
(d) Rs 1,25,000 crore
(e) Rs 1,50,000 crore

Q124. At which city in India was the country's first Public-Private Partnership (PPP)-based green waste processing plant launched?
(a) Mumbai
(b) Lucknow
(c) Pune
(d) Hyderabad
(e) Indore

Q125. As of April 2025, what is the total number of Geographical Indication (GI) tagged products from West Bengal?
(a) 32
(b) 35
(c) 39
(d) 40
(e) 42

Q126. In banking operations, certain loan accounts that fail to meet repayment obligations within specified timelines are classified as stressed assets requiring special monitoring and provisioning. Which of the following represents a classic example of a non-performing asset (NPA)?
(a) Loan account with regular EMI payments
(b) Overdraft utilized within sanctioned limit
(c) Loan overdue for more than 90 days
(d) Fixed deposit account
(e) Saving account with Rs. 10 balance

Q127. The World Intellectual Property Organization released the 17th edition of the Global Innovation Index 2024, ranking 133 economies based on innovation capabilities across 80 indicators grouped into seven pillars. India demonstrated steady improvement while Switzerland maintained dominance. What position did India secure in the GII 2024 with a score of 38.3?
(a) 37th
(b) 35th
(c) 39th
(d) 41st
(e) 43rd

Q128. To ensure the availability of phosphatic and potassic fertilisers at affordable prices for farmers during the Kharif season, the Union Cabinet approved a substantial subsidy amount under the Nutrient-Based Subsidy (NBS) scheme. What is the approved subsidy outlay for P&K fertilisers for the Kharif season?
(a) Rs 30,000 crore
(b) Rs 24,000 crore
(c) Rs 37,216 crore
(d) Rs 43,000 crore
(e) Rs 50,000 crore

Q129. In 2024, global tea production continued to be dominated by a few key producing countries known for large-scale cultivation and export of tea. Which of the following list correctly represents major tea-producing countries in 2024?
(a) Kenya only
(b) India only
(c) China only
(d) Kenya and India only
(e) Kenya, India, and China

YourMockTest.com — Free Study Material

Q130. The Gaia Telescope maps the Milky Way's billion stars with unprecedented precision in positions, motions, and properties. Which space agency launched the Gaia mission for revolutionary astrometry?

(a) CNSA
(b) NASA
(c) ISRO
(d) ESA
(e) Roscosmos

ENGLISH LANGUAGE

Q131. Read the paragraph below, divided into sections (A, B, C, D, E), and identify which sections contain grammatical errors. Choose the correct option that includes the sections with errors.

(A) Walking through the old town, I encountered a variety of fascinating shops.
(B) Each of these shops were selling unique handicrafts and souvenirs.
(C) The vibrant colours and intricate designs caught my eye.
(D) I spent hours exploring each store's offerings.
(E) By the time I left, my bags was filled with treasures.

(a) AB
(b) BC
(c) CD
(d) BE
(e) No Error

Q132. Read the paragraph below, divided into sections (A, B, C, D, E), and identify which sections contain grammatical errors. Choose the correct option that includes the sections with errors.

(A) The concert was an incredible experience that I will never forget.
(B) There was thousands of people in attendance, cheering and singing along.
(C) The band played all their popular songs.
(D) Everyone were dancing and having a great time.
(E) By the end, we all felt exhausted but happy.

(a) AB
(b) BD
(c) CD
(d) DE
(e) No Error

Directions

Directions: In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

The global community is currently facing a pivotal moment in climate history. To prevent further degradation, world leaders have gathered _____(A) the growing list of ecological concerns. It is no longer enough to simply discuss change; we must find ways to ____(B) a revolution in green technology. Many nations have ____(C) the monumental task of transitioning to renewable energy, though the economic burden is significant. In urban sectors, there is a desperate need to ____(D) carbon emissions by at least 40% within the decade. To ensure compliance, regulatory bodies plan to ____(E) regulations on industrial waste. Interestingly, the commitment ____(F) these issues has led to a ripple effect; as one country decides ____(G) positive shifts in policy, others feel the pressure to ____(H) the same challenges. However, many corporations have ____(I) more responsibility than they can handle. To successfully ____(J) on pollution, they must ____(K) measures on their supply chains. The goal is to ____(L) a cleaner future, but this requires everyone ____(M) the reality of the situation. Ultimately, if we don't _____(N) stricter rules now, the damage may be irreversible.

Q133. Which phrase correctly fills blanks (A), (H), and (M)?

(a) took on
(b) bring about
(c) to address

(d) force stricter
(e) cut down

Q134. Which phrase correctly fills blanks (B), (G), and (L)?

(a) took on
(b) bring about
(c) to address
(d) force stricter
(e) cut down

Q135. Which phrase correctly fills blanks (C) and (I)?

(a) took on
(b) bring about
(c) to address
(d) force stricter
(e) cut down

Q136. Which phrase correctly fills blanks (E), (K), and (N)?

(a) took on
(b) bring about
(c) to address
(d) force stricter
(e) cut down

Q137. Which phrase correctly fills blanks (D) and (J)?

(a) took on
(b) bring about
(c) to address
(d) force stricter
(e) cut down

Directions

Directions: Read the given passage carefully to answer the following questions. Each question will have five alternatives as its answer. Choose the correct option as your answer.

In the fourth quarter of 2025, a comprehensive survey on adult education was conducted by EduCon Research, a reputable company specialising in educational studies. The primary aim of the survey was to assess the current state of adult literacy and the factors influencing educational pursuits among adults in various demographics. This study involved over 10,000 respondents from urban and rural areas across India, with an age range of 18 to 60 years. One significant finding from the survey was the continued disparity in literacy rates between urban and rural populations. In urban areas, 85% of adults were literate, compared to only 62% in rural regions. The higher literacy rates in cities were attributed to better access to educational institutions, libraries, and internet facilities. Conversely, rural areas faced challenges such as insufficient schools, lack of study materials, and poor internet connectivity. Another noteworthy aspect of the survey was the focus on vocational training, especially in the healthcare sector. EduCon Research discovered that there was a growing interest among adults to enrol in vocational courses that provided _____. Courses on handling injection needles, basic patient care, and administrative work in healthcare facilities were particularly popular. These courses not only offered the prospects of improving income but also served to address the workforce shortages in the essential healthcare services sector. The survey also highlighted the substantial role that the Organisation for Economic Co-operation and Development (OECD) plays in promoting adult education worldwide. The OECD's efforts to standardise educational frameworks and provide guidelines for best practices were recognised by 70% of educational professionals interviewed during the survey. Their initiatives, such as the Programme for the International Assessment of Adult Competencies (PIAAC), helped align adult education programmes with global benchmarks and improve overall educational outcomes. Further, the survey explored the social and personal motivations driving adults to pursue education. Many respondents cited the desire for personal development, better job opportunities, and the need to stay relevant in a rapidly changing job market as key motivators. Also, there was a notable increase in literacy programmes tailored specifically for women, emphasising empowerment and financial independence. In conclusion, EduCon Research's survey painted a detailed picture of the current landscape of adult education in India. The findings underline the critical need for targeted interventions to bridge the literacy gap between urban and rural areas, the importance of vocational training programmes, and the impact of international organisations like the OECD in shaping educational policies. The pursuit of adult education remains a dynamic field with the

YourMockTest.com — Free Study Material

potential to significantly transform individual lives and society at large.

Q138. According to the passage, what was the primary aim of the survey conducted by EduCon Research in the fourth quarter of 2025?

(a) To improve internet connectivity in rural areas.
(b) To assess the current state of adult literacy and educational factors.
(c) To compare healthcare systems in urban and rural areas.
(d) To evaluate the effectiveness of vocational training programmes.
(e) To examine the impact of OECD on financial independence.

Q139. According to the passage, what was one significant finding from the EduCon Research survey?

(a) Rural literacy rates were higher than urban literacy rates.
(b) The Organisation for Economic Co-operation and Development (OECD) played no role in adult education.
(c) Rural areas had better access to libraries and internet facilities.
(d) There was a growing interest in vocational courses in the healthcare sector.
(e) Urban and rural literacy rates were the same.

Q140. Which factor is not mentioned in the passage as a challenge faced by rural areas?

(a) Insufficient schools.
(b) Lack of study materials.
(c) High crime rates.
(d) Poor internet connectivity.
(e) Lack of healthcare facilities.

Q141. According to the passage, which of the given statements is incorrect?

A) The growing interest in vocational training among adults is particularly popular in courses related to healthcare.
B) The survey received responses from individuals aged 18 to 70 years old.
C) The OECD's Programme for the International Assessment of Adult Competencies (PIAAC) helps align adult education programmes with global benchmarks.

(a) Only A
(b) Only B
(c) Only C
(d) A and C
(e) B and C

Q142. It can be inferred from the passage that:

(a) Vocational training in healthcare is considered non-essential.
(b) Personal development is not a motivator for adult education.
(c) The literacy gap could be narrowed by improving rural education infrastructure.
(d) Urban literacy rates are declining due to lack of vocational courses.
(e) EduCon Research covers multiple countries in their surveys.

Q143. What will fit in the blank taken from the passage: "EduCon Research discovered that there was a growing interest among adults to enroll in vocational courses that provided _____."

(a) Higher internet connectivity
(b) Longer study periods
(c) Better housing facilities
(d) Immediate employment opportunities
(e) Leisure and recreation options

Q144. Which of the following words is similar in meaning to "disparity" in the context of the passage?

(a) Equality
(b) Uniformity
(c) Consistency
(d) Gap

(e) Identity

Q145. Which of the following words is similar in meaning to "prospects" in the context of the passage?

(a) Impossibilities
(b) Outcomes
(c) Failures
(d) Opportunities
(e) Risks

Q146. Directions: Choose the combination that creates a grammatically and contextually coherent sentence.

A. The team celebrated the victory,	**i. although**	**D. there was a sense of accomplishment among all members.**
B. The store offered a discount on all items,	ii. when	E. to attract more customers.
C. She enjoyed painting as a hobby,	iii. even though	F. she had little time for it during the week.

(a) A-ii-E
(b) B-i-E
(c) C-i-D
(d) B-iii-D
(e) C-iii-F

Q147. Directions: Choose the combination that creates a grammatically and contextually coherent sentence.

A. He completed his assignment on time,	**i. but**	**D. the success did not come as a surprise to him.**
B. The storm caused widespread damage,	ii. although	E. many residents heeded the warnings and took precautions.
C. She studied diligently for the final exam,	iii. and	F. still she felt anxious about the results.

(a) A-i-D
(b) B-iii-E and C-i-D
(c) C-ii-F
(d) A-iii-D, B-ii-E and C-i-F
(e) C-iii-F

Q148. Directions: Choose the combination that creates a grammatically and contextually coherent sentence.

A. The scientists conducted numerous experiments,	**i. despite**	**D. their continuous efforts to improve the process.**
B. The company experienced a surge in profits,	ii. because	E. they wanted to discover a cure for the disease.
C. She felt overwhelmed by the workload,	iii. therefore	F. the implementation of the new marketing strategy.

(a) A-ii-D
(b) B-iii-D
(c) C-i-E
(d) A-ii-E and B-iii-F
(e) A-iii-E

YourMockTest.com — Free Study Material

Q149. In the given questions below, there are five statements marked A-E. All statements except one belong to the same context. Find the odd one out and mark the correct answer from the given options.

A. The Centre has saved itself from continuing embarrassment at the international level by withdrawing the Education Ministry's ill-thought-out guidelines for holding online conferences, seminars, and training sessions.

B. It should also be underscored that such bail orders should not be rare or special, but be routine judicial responses to cases in which there is a mismatch between the accusation and the evidence.

C. Academicians and others organizing the events were, as per the January circular, required to get prior official approval and ensure that the conference topics do not relate to the security of the state, border, the northeast, Jammu and Kashmir, Ladakh, and broadly, any "internal matters".

D. Event organizers were also mandated to give preference to technological tools and channels not owned or controlled by hostile countries or agencies.

E. The effect of such a vague and abstruse set of instructions could only be to abandon efforts to organize conferences.

(a) A
(b) B
(c) C
(d) D
(e) E

Directions

Directions: The following sentences form a paragraph. The second and fourth sentences of the paragraph are given. The rest are numbered as A, B, C, D, and E. These five parts are not given in their proper order. Arrange them in the correct order to make the paragraph meaningful and then answer the questions given below.

A. The relative timing of these launches may be a coincidence but it is heartening because the ratio of scientific to technological missions ISRO has launched is skewed in favour of the latter, at the expense of research in the sense of discovery.

2. ISRO launched the XPoSat, in a two-part mission, onboard a Polar Satellite Launch Vehicle (PSLV) on its C58 flight on January 1.

B. The XSPECT payload, by ISRO's U.R. Rao Satellite Centre, will study X-rays of energy 0.8-15 keV and changes in continuous X-ray emissions.

4. Those science-oriented missions have all been exceptional in their own right.

C. Two missions the ISRO has launched in the five months since its success with Chandrayaan-3 have both been scientific: the Aditya L-1 space probe to study the sun and the X-ray Polarimeter Satellite (XPoSat) to study polarised X-rays emitted in astrophysical phenomena.

D. For example, XPoSat is only the second space-based experiment to study X-ray polarisation, and at higher X-ray energies than the other, NASA's Imaging X-ray Polarimetry Explorer.

E. Its POLIX payload, realized by the Raman Research Institute, will track X-rays in the 8-30 kilo-electron-volt (keV) energy range and observe emissions from around 50 sources in five years.

Q150. Which of the following should be the THIRD sentence after rearrangement?

(a) E
(b) A
(c) D
(d) B
(e) C

Q151. Which of the following should be the SEVENTH sentence after rearrangement?

(a) B
(b) E
(c) C
(d) D
(e) A

Q152. Which of the following should be the FIFTH sentence after rearrangement?

(a) D
(b) C
(c) E
(d) B
(e) A

Q153. Which of the following should be the FIRST sentence after rearrangement?

(a) E
(b) A
(c) B
(d) C
(e) D

Q154. Which of the following should be the LAST sentence after rearrangement?

(a) A
(b) E
(c) D
(d) B
(e) C

Q155. Directions: In the following sentence, four words given in bold are marked as A, B, C, and D, which are possible pairs to be interchanged. Choose the pair(s) of words that need to be interchanged to make the sentence grammatically correct and meaningful. If no interchange is required, mark option 5 i.e., "No interchange required" as your answer.

By juxtaposing (A) the lachrymatory (B) memoir with a magniloquent (C) review, the editor revealed the nebulousness (D) of the tale.

(a) A-D
(b) B-C
(c) C-A and B-D
(d) A-C
(e) No interchange required

Q156. Directions: In the following sentence, four words given in bold are marked as A, B, C, and D, which are possible pairs to be interchanged. Choose the pair(s) of words that need to be interchanged to make the sentence grammatically correct and meaningful. If no interchange is required, mark option 5 i.e., "No interchange required" as your answer.

The obliterative (A) storm forced the peripatetic (B) scholar to abandon his quaternions (C) in favor of a reprehensory (D) note.

(a) A-D
(b) A-C
(c) B-C
(d) C-A and B-D
(e) No interchange required

Q157. Directions: In the following sentence, four words given in bold are marked as A, B, C, and D, which are possible pairs to be interchanged. Choose the pair(s) of words that need to be interchanged to make the sentence grammatically correct and meaningful. If no interchange is required, mark option 5 i.e., "No interchange required" as your answer.

The sanctimonies (A) of the preacher were transparent when his transpicuous (B) actions contradicted his uncharitable (C) remarks and vulneration (D) of parishioners.

(a) A-D
(b) B-C
(c) C-A and B-D
(d) A-C

YourMockTest.com — Free Study Material

(e) No interchange required

Q158. In each of the given questions, three sentences are given with a phrase/idiom highlighted in bold. You have to select the answer choice that states the combination of statements in which the idiom has been correctly used.

I. Andy played hooky from work for a week saying he was sick, and now his boss said that he is on very thin ice.

II. He was not agreeing to back off as if he was playing demon's advocate.

III. Our small company has been growing by leaps and bounds over the past year.

(a) Only I and II
(b) Only II and III
(c) Only I and III
(d) Only I
(e) All of the above

Q159. In each of the given questions, three sentences are given with a phrase/idiom highlighted in bold. You have to select the answer choice that states the combination of statements in which the idiom has been correctly used.

I. Listen to the news straight from the horse's mouth, his factory burned down right in front of his eyes.

II. You have cried wolf so many times that no one believes you now.

III. This shopkeeper always palms off old stock to the customers.

(a) Only I and II
(b) Only II and III
(c) Only II
(d) Only III
(e) All of the above

Q160. In each of the given questions, three sentences are given with a phrase/idiom highlighted in bold. You have to select the answer choice that states the combination of statements in which the idiom has been correctly used.

I. He was willing to go the extra mile for the love of his life, Mia.

II. When Chris turned forty, he decided to live his life in the slow lane and quit his job for his hobbies.

III. Jennifer better step up her game if she wants to make big in Basketball.

(a) Only II
(b) Only III
(c) Only I and III
(d) Only I and II
(e) All of the above

Directions

Directions: Read the given passage carefully to answer the following questions. Each question will have five alternatives as its answer. Choose the correct option as your answer.

In recent times, matters surrounding hate speech and internet security have garnered significant global attention, particularly in nations such as Australia, the United Kingdom, and across various social media platforms. The proliferation of social media has had a profoundly transformative effect on communication, making it easier for people to share their opinions and connect with others worldwide. However, this has also led to the misuse of these platforms for spreading hate speech and inflammatory actions. In Australia, actions have been taken to curtail hate speech within not only the public domain but also online platforms. Australian authorities have enacted laws that impose stringent penalties on individuals and groups promoting hate speech. The emphasis is on creating a society where freedom of speech is balanced with the responsibility of not harming others. Similar measures have been implemented in the United Kingdom, where the government has introduced initiatives aimed at combating hate speech by collaborating with internet service providers and social media companies to swiftly address and remove harmful content. The challenge of regulating hate speech is further complicated in the realm of social media. Platforms such as Facebook, Twitter, and YouTube have become notorious for the rapid spread of unverified information, often resulting in societal discord. While these companies have introduced community guidelines aimed at curbing hate speech, their effectiveness remains a subject of ongoing debate. Content moderation policies are continually evolving, yet the sheer volume of content makes complete oversight a daunting task. Parallelly, internet security has become a pressing issue as cyber threats have escalated. With the ubiquitous use of digital infrastructure, protecting sensitive information from breaches has taken centre stage. National governments are increasingly vigilant about fortifying their cyber defences to _____ the privacy of their citizens. This is particularly critical in light of the emerging trend of misinformation campaigns propagated by malicious actors targeting political

and social stability. In another context, Country X has recently attracted international attention for its decision to emulate Germany's Net Zero pattern. Germany's approach to achieving net-zero carbon emissions has been widely regarded as a pioneering model. By prioritising renewable energy sources, implementing stringent regulations on industries, and encouraging sustainable practices among its citizens, Germany aims to reduce its carbon footprint significantly. Country X's move to follow suit indicates a growing global consensus on the urgency of addressing climate change through concerted national efforts. However, not all innovations and adaptations yield positive outcomes, as evidenced by the rising misuse of social media platforms. While these mediums can foster collaborative efforts in addressing climate change and other global challenges, their misapplication frequently leads to the spread of hate speech and misinformation. The dual-edge nature of technology underscores the importance of creating robust frameworks for ensuring internet security and responsible online behaviour. In conclusion, the global community is grappling with the twin challenges of combating hate speech and ensuring robust internet security. Countries like Australia and the UK have made commendable strides, while social media platforms continue to work on refining their content moderation policies. As more nations like Country X look to models like Germany's Net Zero strategy to combat climate change, it is imperative to leverage technology responsibly and safeguard its positive potential against its harmful misuse.

Q161. According to the passage, which country is emulating Germany’s Net Zero pattern?

(a) Australia
(b) United Kingdom
(c) Country X
(d) Canada
(e) France

Q162. Which of the following platforms have become notorious for the rapid spread of unverified information, according to the passage?

(a) Instagram
(b) Twitter
(c) WhatsApp
(d) TikTok
(e) Snapchat

Q163. Which of the following can be inferred about Germany’s approach to achieving net-zero carbon emissions?

(a) They prioritize non-renewable energy sources.
(b) They impose lax regulations on industrial emissions.
(c) They do not involve citizens in sustainable practices.
(d) They have implemented pioneering models.
(e) They depend heavily on fossil fuels.

Q164. Based on the passage, what can be inferred about the measures taken by Australia and the United Kingdom to combat hate speech?

(a) They rely solely on internet service providers.
(b) They impose no penalties on individuals promoting hate speech.
(c) They collaborate with social media companies.
(d) They ignore online hate speech issues.
(e) They have seen no improvements in addressing hate speech.

Q165. What will fit in the blank taken from the passage: "National governments are increasingly vigilant about fortifying their cyber defences to _____ the privacy of their citizens."

(a) enhance risks to
(b) overlook
(c) prevent data breaches and safeguard
(d) expose sensitive information
(e) undermine

Q166. According to the passage, which of the following statements is correct?

A) Australia has not taken any actions to curtail hate speech.
B) Social media platforms constantly refine their content moderation policies.
C) Internet security has become a pressing issue due to reduced dependency on digital infrastructure.

(a) Only A
(b) Only B
(c) Only C
(d) A and C
(e) B and C

Q167. According to the passage, which of the following statements is incorrect?

A) Germany's model for achieving net-zero carbon emissions has gained international recognition.

B) The use of digital infrastructure has decreased, reducing the need for internet security.

C) Social media companies have introduced community guidelines to combat hate speech.

(a) Only A
(b) Only B
(c) Only C
(d) A and C
(e) B and C

Q168. Match the countries with their actions described in the passage:

A) Australia
B) Germany
C) United Kingdom
1. Introduced pioneering net zero strategies
2. Enacted laws to impose penalties on hate speech
3. Collaborated with social media companies to remove harmful content

(a) A-1, B-2, C-3
(b) A-2, B-1, C-3
(c) A-3, B-1, C-2
(d) A-1, B-3, C-2
(e) A-3, B-2, C-1

Q169. Which of the following words is similar in meaning to "proliferation" in the context of the passage?

(a) Decline
(b) Spread
(c) Retreat
(d) Contraction
(e) Withdrawal

Q170. Which of the following words is similar in meaning to "stringent" in the context of the passage?

(a) Lax
(b) Loose
(c) Lenient
(d) Strict
(e) Soft

ANSWER KEY

1	a	2	c	3	d	4	c	5	a	6	b	7	b	8	b	9	b	10	b
11	d	12	c	13	c	14	b	15	b	16	b	17	e	18	a	19	e	20	a
21	b	22	c	23	b	24	b	25	c	26	c	27	e	28	d	29	a	30	b
31	b	32	a	33	e	34	d	35	b	36	b	37	c	38	c	39	a	40	e
41	d	42	e	43	a	44	a	45	a	46	a	47	a	48	a	49	b	50	b
51	a	52	a	53	b	54	e	55	a	56	a	57	b	58	e	59	a	60	e

YourMockTest.com — Free Study Material

61	a	62	c	63	e	64	b	65	e	66	b	67	c	68	e	69	b	70	d
71	c	72	e	73	b	74	b	75	c	76	c	77	e	78	d	79	d	80	e
81	e	82	b	83	b	84	c	85	a	86	b	87	c	88	b	89	c	90	b
91	e	92	d	93	d	94	c	95	d	96	d	97	c	98	d	99	b	100	a
101	c	102	b	103	c	104	d	105	c	106	c	107	d	108	e	109	d	110	b
111	b	112	c	113	c	114	b	115	d	116	d	117	d	118	b	119	a	120	b
121	a	122	a	123	e	124	e	125	c	126	c	127	c	128	c	129	e	130	d
131	d	132	b	133	c	134	b	135	a	136	d	137	e	138	b	139	d	140	c
141	b	142	c	143	d	144	d	145	d	146	e	147	d	148	d	149	b	150	b
151	a	152	a	153	d	154	d	155	e	156	e	157	a	158	c	159	e	160	e
161	c	162	b	163	d	164	c	165	c	166	b	167	b	168	b	169	b	170	d

SOLUTIONS

Q1. Answer: (a) 37

Given: Six different cars, P, Q, R, S, T, and U, were used in a logistics event. Each car travelled a different distance, i.e., 14 km, 18 km, 24 km, 28 km, 35 km, and 42 km, but not necessarily in the same order. Each car had a different number of helpers, ranging from 4 to 10.

1. Car P has a number of helpers that is a multiple of 5.

2. Car T travelled a distance which is a multiple of 7.

Here, we have 3 Cases, i.e., Case 1, Case 2, and Case 3.

Cars	Distance (km)-Number of helpers		
Case 1	Case 2	Case 3	
P	35 - 5	35 - 5	35 - 5
Q			
R			
S			
T	14 - 7	28 - 4/7	42 - 6/7
U			

3. Car U travelled more distance than Car R.

Car U > Car R

4. Car T travelled less distance than Car R.

Car U > Car R > Car T

Now, we can eliminate Case 2 and Case 3.

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	
R	
S	
T	14 - 7
U	

5. Exactly one car travelled a distance that lies between the distances travelled by Car S and Car P. (i.e., Car S travelled 24 km.)

YourMockTest.com – Free Study Material

6. Car S has one helper more than Car T.

7. Car S travelled an even-numbered distance.

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	
R	
S	24 - 8
T	14 - 7
U	

8. Car S has more helpers than Car U.

9. Car Q travelled less distance than Car R.

Car U > Car R > Car Q > Car T

i.e., Car U > Car P > Car R > Car S > Car Q > Car T

10. Car P has fewer helpers than Car U.

This is our final arrangement,

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	18 - 9
R	28 - 4
S	24 - 8
T	14 - 7
U	42 - 6

Sum = 28 + 9 = 37

Hence, the correct answer is 37.

Q2. Answer: (c) Only III

Given: Six different cars, P, Q, R, S, T, and U, were used in a logistics event. Each car travelled a different distance, i.e., 14 km, 18 km, 24 km, 28 km, 35 km, and 42 km, but not necessarily in the same order. Each car had a different number of helpers, ranging from 4 to 10.

1. Car P has a number of helpers that is a multiple of 5.

2. Car T travelled a distance which is a multiple of 7.

Here, we have 3 Cases, i.e., Case 1, Case 2, and Case 3.

Cars	Distance (km)-Number of helpers		
Case 1	Case 2	Case 3	
P	35 - 5	35 - 5	35 - 5
Q			
R			
S			
T	14 - 7	28 - 4/7	42 - 6/7
U			

3. Car U travelled more distance than Car R.

YourMockTest.com — Free Study Material

Car U > Car R

4. Car T travelled less distance than Car R.

Car U > Car R > Car T

Now, we can eliminate Case 2 and Case 3.

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	
R	
S	
T	14 - 7
U	

5. Exactly one car travelled a distance that lies between the distances travelled by Car S and Car P. (i.e., Car S travelled 24 km.)

6. Car S has one helper more than Car T.

7. Car S travelled an even-numbered distance.

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	
R	
S	24 - 8
T	14 - 7
U	

8. Car S has more helpers than Car U.

9. Car Q travelled less distance than Car R.

Car U > Car R > Car Q > Car T

i.e., Car U > Car P > Car R > Car S > Car Q > Car T

10. Car P has fewer helpers than Car U.

This is our final arrangement,

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	18 - 9
R	28 - 4
S	24 - 8
T	14 - 7
U	42 - 6

Hence, the correct answer is Car T travelled the least distance.

Q3. Answer: (d) U, Q

Given: Six different cars, P, Q, R, S, T, and U, were used in a logistics event. Each car travelled a different distance, i.e., 14 km, 18 km, 24 km, 28 km, 35 km, and 42 km, but not necessarily in the same order. Each car had a different number of helpers, ranging from 4 to 10.

YourMockTest.com — Free Study Material

1. Car P has a number of helpers that is a multiple of 5.
2. Car T travelled a distance which is a multiple of 7.

Here, we have 3 Cases, i.e., Case 1, Case 2, and Case 3.

Cars	Distance (km)-Number of helpers		
Case 1	Case 2	Case 3	
P	35 - 5	35 - 5	35 - 5
Q			
R			
S			
T	14 - 7	28 - 4/7	42 - 6/7
U			

3. Car U travelled more distance than Car R.

Car U > Car R

4. Car T travelled less distance than Car R.

Car U > Car R > Car T

Now, we can eliminate Case 2 and Case 3.

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	
R	
S	
T	14 - 7
U	

5. Exactly one car travelled a distance that lies between the distances travelled by Car S and Car P. (i.e., Car S travelled 24 km.)
6. Car S has one helper more than Car T.
7. Car S travelled an even-numbered distance.

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	
R	
S	24 - 8
T	14 - 7
U	

8. Car S has more helpers than Car U.
9. Car Q travelled less distance than Car R.

Car U > Car R > Car Q > Car T

i.e., Car U > Car P > Car R > Car S > Car Q > Car T

10. Car P has fewer helpers than Car U.

This is our final arrangement,

YourMockTest.com — Free Study Material

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	18 - 9
R	28 - 4
S	24 - 8
T	14 - 7
U	42 - 6

Hence, the correct answer is U, Q.

Q4. Answer: (c) U - 42 km

Given: Six different cars, P, Q, R, S, T, and U, were used in a logistics event. Each car travelled a different distance, i.e., 14 km, 18 km, 24 km, 28 km, 35 km, and 42 km, but not necessarily in the same order. Each car had a different number of helpers, ranging from 4 to 10.

1. Car P has a number of helpers that is a multiple of 5.

2. Car T travelled a distance which is a multiple of 7.

Here, we have 3 Cases, i.e., Case 1, Case 2, and Case 3.

Cars	Distance (km)-Number of helpers		
Case 1	Case 2	Case 3	
P	35 - 5	35 - 5	35 - 5
Q			
R			
S			
T	14 - 7	28 - 4/7	42 - 6/7
U			

3. Car U travelled more distance than Car R.

Car U > Car R

4. Car T travelled less distance than Car R.

Car U > Car R > Car T

Now, we can eliminate Case 2 and Case 3.

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	
R	
S	
T	14 - 7
U	

5. Exactly one car travelled a distance that lies between the distances travelled by Car S and Car P. (i.e., Car S travelled 24 km.)

6. Car S has one helper more than Car T.

7. Car S travelled an even-numbered distance.

Cars	Distance (km)-Number of helpers

YourMockTest.com — Free Study Material

Case 1	
P	35 - 5
Q	
R	
S	24 - 8
T	14 - 7
U	

8. Car S has more helpers than Car U.

9. Car Q travelled less distance than Car R.

Car U > Car R > Car Q > Car T

i.e., Car U > Car P > Car R > Car S > Car Q > Car T

10. Car P has fewer helpers than Car U.

This is our final arrangement,

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	18 - 9
R	28 - 4
S	24 - 8
T	14 - 7
U	42 - 6

Hence, the correct answer is U - 42 km.

Q5. Answer: (a) P

Given: Six different cars, P, Q, R, S, T, and U, were used in a logistics event. Each car travelled a different distance, i.e., 14 km, 18 km, 24 km, 28 km, 35 km, and 42 km, but not necessarily in the same order. Each car had a different number of helpers, ranging from 4 to 10.

1. Car P has a number of helpers that is a multiple of 5.

2. Car T travelled a distance which is a multiple of 7.

Here, we have 3 Cases, i.e., Case 1, Case 2, and Case 3.

Cars	Distance (km)-Number of helpers		
Case 1	Case 2	Case 3	
P	35 - 5	35 - 5	35 - 5
Q			
R			
S			
T	14 - 7	28 - 4/7	42 - 6/7
U			

3. Car U travelled more distance than Car R.

Car U > Car R

4. Car T travelled less distance than Car R.

Car U > Car R > Car T

Now, we can eliminate Case 2 and Case 3.

YourMockTest.com — Free Study Material

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	
R	
S	
T	14 - 7
U	

5. Exactly one car travelled a distance that lies between the distances travelled by Car S and Car P. (i.e., Car S travelled 24 km.)
6. Car S has one helper more than Car T.
7. Car S travelled an even-numbered distance.

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	
R	
S	24 - 8
T	14 - 7
U	

8. Car S has more helpers than Car U.
9. Car Q travelled less distance than Car R.

Car U > Car R > Car Q > Car T

i.e., Car U > Car P > Car R > Car S > Car Q > Car T

10. Car P has fewer helpers than Car U.

This is our final arrangement,

Cars	Distance (km)-Number of helpers
Case 1	
P	35 - 5
Q	18 - 9
R	28 - 4
S	24 - 8
T	14 - 7
U	42 - 6

Hence, the correct answer is P.

Q6. Answer: (b) F

Given: Eight people A, C, F, H, J, L, N, and R are sitting around a circular table facing the centre. According to the English alphabetical order, there are at least two letters between the names of any two persons who sit adjacent to each other.

1. F sits third to the left of L.
2. One person sits between N and C, and C is an immediate neighbour of L.
3. A and F are immediate neighbours.

Here, we have 2 Cases, i.e., Case 1 and Case 2.

4. Two persons sit between J and H.

YourMockTest.com — Free Study Material

5. F and H are not immediate neighbours of each other.
6. R sits second to the right of J.
Now, we can eliminate Case 1.
This is our final arrangement,
Hence, the correct answer is F.

Q7. Answer: (b) South-east

A*5B → A is 8 m north of B
A#2B → B is 4 m south of A
A%3B → A is 6 m east of B
A!4B → B is 6 m west of A
The decoded form is,
H!13R → R is 16 m west of H
C%6Q → C is 8 m east of Q
L*1P → L is 4 m north of P
P!4E → E is 6 m west of P
T%5P → T is 8 m east of P
W*8J → W is 10 m north of J
Q!12D → D is 14 m west of Q
D#7L → L is 10 m south of D
R#4T → T is 6 m south of R
H*2W → H is 4 m north of W
The possible diagram is,
Hence, the correct answer is South-east.

Q8. Answer: (b) 10 m

A*5B → A is 8 m north of B
A#2B → B is 4 m south of A
A%3B → A is 6 m east of B
A!4B → B is 6 m west of A
The decoded form is,
H!13R → R is 16 m west of H
C%6Q → C is 8 m east of Q
L*1P → L is 4 m north of P
P!4E → E is 6 m west of P
T%5P → T is 8 m east of P
W*8J → W is 10 m north of J
Q!12D → D is 14 m west of Q
D#7L → L is 10 m south of D
R#4T → T is 6 m south of R
H*2W → H is 4 m north of W
The possible diagram is,
The distance is = $\sqrt{(8^2 + 6^2)} = \sqrt{(64 + 36)} = \sqrt{100} = 10$ m
Hence, the correct answer is 10 m.

Q9. Answer: (b) H - T

A*5B → A is 8 m north of B
A#2B → B is 4 m south of A
A%3B → A is 6 m east of B
A!4B → B is 6 m west of A
The decoded form is,
H!13R → R is 16 m west of H
C%6Q → C is 8 m east of Q

YourMockTest.com — Free Study Material

L*1P → L is 4 m north of P
P!4E → E is 6 m west of P
T%5P → T is 8 m east of P
W*8J → W is 10 m north of J
Q!12D → D is 14 m west of Q
D#7L → L is 10 m south of D
R#4T → T is 6 m south of R
H*2W → H is 4 m north of W
The possible diagram is,
Except for H - T, in all other pairs, the first point is in the south-west of the second point.
Hence, the correct answer is H - T.

Q10. Answer: (b) D

A*5B → A is 8 m north of B
A#2B → B is 4 m south of A
A%3B → A is 6 m east of B
A!4B → B is 6 m west of A
The decoded form is,
H!13R → R is 16 m west of H
C%6Q → C is 8 m east of Q
L*1P → L is 4 m north of P
P!4E → E is 6 m west of P
T%5P → T is 8 m east of P
W*8J → W is 10 m north of J
Q!12D → D is 14 m west of Q
D#7L → L is 10 m south of D
R#4T → T is 6 m south of R
H*2W → H is 4 m north of W
The possible diagram is,
Hence, the correct answer is D.

Q11. Answer: (d) M - Slippers

Given: A certain number of persons sit in a row and face north. Each of them has a different item.
1. Eight persons sit between S and T.
2. S sits third to the right of Q.
3. The one who has Slippers sits second to the right of T.
Here, we have 2 Cases, i.e., Case 1 and Case 2.
4. The one who has Slippers sits fourth to the right of the one who has Alarm Clock and sits at one of the extreme ends of the row.
Now, we can eliminate Case 2.
5. Nine persons sit between the ones who have Tape and Alarm Clock.
6. Three persons sit between the ones who have Tape and Stapler.
7. P sits fifth from one of the extreme ends and has Stapler.
Here, we have a subcase of Case 1, i.e., Case 1a.
8. P sits immediate right of the one who has Glue.
9. V sits second to the left of P, who doesn't have Envelope.
10. V has Wallet.
11. Two persons sit between the ones who has Doormat and Glue.
12. One person sits between L and the person who has Doormat.
Now, we can eliminate Case 2.
13. As many persons sit between V and the one who has Doormat as between P and the one who has Shoes.
14. The one who has Shoes sits to the right of the one who has Glue and second to the left of O.
15. Three persons sit between L and the one who has Envelope.

YourMockTest.com — Free Study Material

16. M sits second to the right of the one who has Envelope.

17. The number of persons sitting between the one who has Slippers and L is two more than the number of persons sitting between V and N.

This is our final arrangement,

Hence, the correct answer is M - Slippers.

Q12. Answer: (c) Eighth to the right

Given: A certain number of persons sit in a row and face north. Each of them has a different item.

1. Eight persons sit between S and T.

2. S sits third to the right of Q.

3. The one who has Slippers sits second to the right of T.

Here, we have 2 Cases, i.e., Case 1 and Case 2.

4. The one who has Slippers sits fourth to the right of the one who has Alarm Clock and sits at one of the extreme ends of the row.

Now, we can eliminate Case 2.

5. Nine persons sit between the ones who have Tape and Alarm Clock.

6. Three persons sit between the ones who have Tape and Stapler.

7. P sits fifth from one of the extreme ends and has Stapler.

Here, we have a subcase of Case 1, i.e., Case 1a.

8. P sits immediate right of the one who has Glue.

9. V sits second to the left of P, who doesn't have Envelope.

10. V has Wallet.

11. Two persons sit between the ones who has Doormat and Glue.

12. One person sits between L and the person who has Doormat.

Now, we can eliminate Case 2.

13. As many persons sit between V and the one who has Doormat as between P and the one who has Shoes.

14. The one who has Shoes sits to the right of the one who has Glue and second to the left of O.

15. Three persons sit between L and the one who has Envelope.

16. M sits second to the right of the one who has Envelope.

17. The number of persons sitting between the one who has Slippers and L is two more than the number of persons sitting between V and N.

This is our final arrangement,

Hence, the correct answer is Eighth to the right.

Q13. Answer: (c) 12

Given: A certain number of persons sit in a row and face north. Each of them has a different item.

1. Eight persons sit between S and T.

2. S sits third to the right of Q.

3. The one who has Slippers sits second to the right of T.

Here, we have 2 Cases, i.e., Case 1 and Case 2.

4. The one who has Slippers sits fourth to the right of the one who has Alarm Clock and sits at one of the extreme ends of the row.

Now, we can eliminate Case 2.

5. Nine persons sit between the ones who have Tape and Alarm Clock.

6. Three persons sit between the ones who have Tape and Stapler.

7. P sits fifth from one of the extreme ends and has Stapler.

Here, we have a subcase of Case 1, i.e., Case 1a.

8. P sits immediate right of the one who has Glue.

9. V sits second to the left of P, who doesn't have Envelope.

10. V has Wallet.

11. Two persons sit between the ones who has Doormat and Glue.

12. One person sits between L and the person who has Doormat.

Now, we can eliminate Case 2.

13. As many persons sit between V and the one who has Doormat as between P and the one who has Shoes.

14. The one who has Shoes sits to the right of the one who has Glue and second to the left of O.

YourMockTest.com – Free Study Material

15. Three persons sit between L and the one who has Envelope.

16. M sits second to the right of the one who has Envelope.

17. The number of persons sitting between the one who has Slippers and L is two more than the number of persons sitting between V and N.

This is our final arrangement,

Sum = 3 + 9 = 12

Hence, the correct answer is 12.

Q14. Answer: (b) N

Given: A certain number of persons sit in a row and face north. Each of them has a different item.

1. Eight persons sit between S and T.

2. S sits third to the right of Q.

3. The one who has Slippers sits second to the right of T.

Here, we have 2 Cases, i.e., Case 1 and Case 2.

4. The one who has Slippers sits fourth to the right of the one who has Alarm Clock and sits at one of the extreme ends of the row.

Now, we can eliminate Case 2.

5. Nine persons sit between the ones who have Tape and Alarm Clock.

6. Three persons sit between the ones who have Tape and Stapler.

7. P sits fifth from one of the extreme ends and has Stapler.

Here, we have a subcase of Case 1, i.e., Case 1a.

8. P sits immediate right of the one who has Glue.

9. V sits second to the left of P, who doesn't have Envelope.

10. V has Wallet.

11. Two persons sit between the ones who has Doormat and Glue.

12. One person sits between L and the person who has Doormat.

Now, we can eliminate Case 2.

13. As many persons sit between V and the one who has Doormat as between P and the one who has Shoes.

14. The one who has Shoes sits to the right of the one who has Glue and second to the left of O.

15. Three persons sit between L and the one who has Envelope.

16. M sits second to the right of the one who has Envelope.

17. The number of persons sitting between the one who has Slippers and L is two more than the number of persons sitting between V and N.

This is our final arrangement,

Hence, the correct answer is N.

Q15. Answer: (b) 15

Given: A certain number of persons sit in a row and face north. Each of them has a different item.

1. Eight persons sit between S and T.

2. S sits third to the right of Q.

3. The one who has Slippers sits second to the right of T.

Here, we have 2 Cases, i.e., Case 1 and Case 2.

4. The one who has Slippers sits fourth to the right of the one who has Alarm Clock and sits at one of the extreme ends of the row.

Now, we can eliminate Case 2.

5. Nine persons sit between the ones who have Tape and Alarm Clock.

6. Three persons sit between the ones who have Tape and Stapler.

7. P sits fifth from one of the extreme ends and has Stapler.

Here, we have a subcase of Case 1, i.e., Case 1a.

8. P sits immediate right of the one who has Glue.

9. V sits second to the left of P, who doesn't have Envelope.

10. V has Wallet.

11. Two persons sit between the ones who has Doormat and Glue.

12. One person sits between L and the person who has Doormat.

Now, we can eliminate Case 2.

YourMockTest.com — Free Study Material

13. As many persons sit between V and the one who has Doormat as between P and the one who has Shoes.

14. The one who has Shoes sits to the right of the one who has Glue and second to the left of O.

15. Three persons sit between L and the one who has Envelope.

16. M sits second to the right of the one who has Envelope.

17. The number of persons sitting between the one who has Slippers and L is two more than the number of persons sitting between V and N.

This is our final arrangement,

Hence, the correct answer is 15.

Q16. Answer: (b) Weak risk assessment and credit profiling led to high loan defaults.

Option 1: Incorrect

The passage does not indicate lack of smartphone access as a core issue, since initial downloads were high.

Option 2: Correct

High default rates and regulatory warnings strongly suggest weak credit profiling and risk assessment, which is critical in micro-lending.

Option 3: Incorrect

There is no mention of competitors affecting the company's performance.

Option 4: Incorrect

While marketing was aggressive, there is no evidence that expenses alone caused failure.

Option 5: Incorrect

Although multiple issues existed, the primary and most direct cause highlighted is loan default and regulatory pressure.

Hence, the correct answer is Weak risk assessment and credit profiling led to high loan defaults.

Q17. Answer: (e) A combination of personalization, performance improvement, and institutional partnerships.

Option 1: Incorrect

The platform complemented coaching institutes rather than replacing them.

Option 2: Incorrect

While personalization helped, this option alone does not fully explain partnerships and scalability.

Option 3: Incorrect

Celebrity endorsements are not mentioned in the passage.

Option 4: Incorrect

There is no reference to regulatory compulsion.

Option 5: Correct

Improved outcomes, personalization, retention, and partnerships together explain rapid adoption and investor interest.

Hence, the correct answer is A combination of personalization, performance improvement, and institutional partnerships.

Q18. Answer: (a) Only I and II

The government has introduced a policy to make rainwater harvesting compulsory in new buildings to tackle declining groundwater levels and urban water scarcity.

I. Groundwater depletion has become a serious concern for urban planners.: Correct (It is valid because introducing such a policy shows that groundwater depletion is a serious issue for urban planning and governance.)

II. The government believes policy intervention can influence sustainable construction practices.: Correct (It is also valid since the government is using a policy mandate, which implies it believes regulations can encourage sustainable construction practices.)

III. Existing buildings will immediately face penalties for non-compliance.: Incorrect (It is invalid because the passage talks only about new buildings. There is no mention of penalties or requirements for existing buildings.)

Only Statements I and II are valid assumptions.

Hence, the correct answer is Only I and II.

Q19. Answer: (e) Resistance to change combined with inadequate implementation support.

The passage states that doctors in metro hospitals adapted quickly, but staff in smaller towns faced difficulties, which led to delays and workload complaints. This clearly suggests that the problem is not with the system itself, but with how it was adopted and supported in different locations.

Option 1: Incorrect

If the software were faulty, metro hospitals would also have faced problems. Since they adapted quickly, this option is unlikely.

Option 2: Incorrect

This could be partially true, but the passage does not explicitly mention training or literacy. On its own, it is incomplete.

Option 3: Incorrect

There is no mention of patient resistance in the passage.

Option 4: Incorrect

“Completely unavailable” is an extreme statement and not supported by the passage.

Option 5: Correct

This is the most plausible and balanced explanation: Staff in smaller towns may be less familiar or comfortable with new digital systems. They may not have received enough guidance, training, or technical support. Such resistance and lack of support can logically lead to delays and increased complaints.

Hence, the correct answer is Resistance to change combined with inadequate implementation support.

Q20. Answer: (a) Consumers are shifting from convenience to conscious consumption.

The passage highlights two key points: Sales of packaged foods declined in urban markets, and Sales of organic and locally sourced alternatives increased, driven by concerns about health, ingredient transparency, and sustainability. This clearly indicates a change in consumer preference toward more mindful and value-based purchasing.

Option 1: Correct

This is a logical inference. Packaged foods are usually associated with convenience, while organic and locally sourced products align with health and sustainability. The survey results directly support this shift in mindset.

Option 2: Incorrect

The passage mentions a decline, not a complete disappearance. This is an extreme conclusion and cannot be inferred.

Option 3: Incorrect

There is no information about pricing in the passage. Consumers may still consider price along with health and sustainability.

Option 4: Incorrect

The passage does not compare prices. In reality, organic products are often more expensive, so this cannot be inferred.

Option 5: Incorrect

The change is attributed to consumer concerns, not government intervention. No policy action is mentioned.

Hence, the correct answer is Consumers are shifting from convenience to conscious consumption.

Q21. Answer: (b) COU

Logic:

Step I: Arrange all the words in reverse dictionary order from left to right.

Step II: Break the 6-letter word in two words, of 3-letter each following the given condition-

• If the word starts with a vowel, then the first 3-letter word will form with the ‘even positioned letters from left’ of the given word. And, the second 3-letter word will form with the ‘rest/ odd-positioned letters from left’.

• If the word starts with a consonant, then the first 3-letter word will form with the ‘odd positioned digits from left end’ of the given word. And, the second 3-letter word will form with the ‘rest/ even-positioned letters from left’.

Step III: Arrange the words in dictionary order from left to right and change the middle letter of each 3-letter word to its immediately succeeding letter.

Step IV: If the words start with vowel, then arrange the letters within the word in alphabetical order (from left) and if the word starts with consonant, then arrange the letters within the word in reverse alphabetical order (from left).

Step V: Arrange the words in dictionary order from the left end and change the last letter of the word with the immediately succeeding letter.

Input: ANCHOR FROZEN TABLET LANTER ORBITS

Step I: TABLET ORBITS LANTER FROZEN ANCHOR

Step II: TBE ALT RIS OBT LNE ATR FOE RZN NHR ACO

Step III: ADO AMT AUR FPE LOE NIR OCT RJS RAN TCE

Step IV: ADO AMT ARU PFE OLE RNI COT SRJ RNA TEC

Step V: ADP AMU ARV COU OLF PFF RNB RNJ SRK TED

This is our final step.

Hence, the correct answer is COU.

Q22. Answer: (c) PFE OLE RNI

Logic:

Step I: Arrange all the words in reverse dictionary order from left to right.

Step II: Break the 6-letter word in two words, of 3-letter each following the given condition-

• If the word starts with a vowel, then the first 3-letter word will form with the 'even positioned letters from left' of the given word. And, the second 3-letter word will form with the 'rest/ odd-positioned letters from left'.

• If the word starts with a consonant, then the first 3-letter word will form with the 'odd positioned digits from left end' of the given word. And, the second 3-letter word will form with the 'rest/ even-positioned letters from left'.

Step III: Arrange the words in dictionary order from left to right and change the middle letter of each 3-letter word to its immediately succeeding letter.

Step IV: If the words start with vowel, then arrange the letters within the word in alphabetical order (from left) and if the word starts with consonant, then arrange the letters within the word in reverse alphabetical order (from left).

Step V: Arrange the words in dictionary order from the left end and change the last letter of the word with the immediately succeeding letter.

Input: ANCHOR FROZEN TABLET LANTER ORBITS

Step I: TABLET ORBITS LANTER FROZEN ANCHOR

Step II: TBE ALT RIS OBT LNE ATR FOE RZN NHR ACO

Step III: ADO AMT AUR FPE LOE NIR OCT RJS RAN TCE

Step IV: ADO AMT ARU PFE OLE RNI COT SRJ RNA TEC

Step V: ADP AMU ARV COU OLF PFF RNB RNJ SRK TED

This is our final step.

Hence, the correct answer is PFE OLE RNI.

Q23. Answer: (b) Fifth to the left

Logic:

Step I: Arrange all the words in reverse dictionary order from left to right.

Step II: Break the 6-letter word in two words, of 3-letter each following the given condition-

• If the word starts with a vowel, then the first 3-letter word will form with the 'even positioned letters from left' of the given word. And, the second 3-letter word will form with the 'rest/ odd-positioned letters from left'.

• If the word starts with a consonant, then the first 3-letter word will form with the 'odd positioned digits from left end' of the given word. And, the second 3-letter word will form with the 'rest/ even-positioned letters from left'.

Step III: Arrange the words in dictionary order from left to right and change the middle letter of each 3-letter word to its immediately succeeding letter.

Step IV: If the words start with vowel, then arrange the letters within the word in alphabetical order (from left) and if the word starts with consonant, then arrange the letters within the word in reverse alphabetical order (from left).

Step V: Arrange the words in dictionary order from the left end and change the last letter of the word with the immediately succeeding letter.

Input: ANCHOR FROZEN TABLET LANTER ORBITS

Step I: TABLET ORBITS LANTER FROZEN ANCHOR

Step II: TBE ALT RIS OBT LNE ATR FOE RZN NHR ACO

Step III: ADO AMT AUR FPE LOE NIR OCT RJS RAN TCE

Step IV: ADO AMT ARU PFE OLE RNI COT SRJ RNA TEC

Step V: ADP AMU ARV COU OLF PFF RNB RNJ SRK TED

This is our final step.

Hence, the correct answer is Fifth to the left.

Q24. Answer: (b) OCT

Logic:

Step I: Arrange all the words in reverse dictionary order from left to right.

Step II: Break the 6-letter word in two words, of 3-letter each following the given condition-

• If the word starts with a vowel, then the first 3-letter word will form with the 'even positioned letters from left' of the given word. And, the second 3-letter word will form with the 'rest/ odd-positioned letters from left'.

• If the word starts with a consonant, then the first 3-letter word will form with the 'odd positioned digits from left end' of the given word. And, the second 3-letter word will form with the 'rest/ even-positioned letters from left'.

Step III: Arrange the words in dictionary order from left to right and change the middle letter of each 3-letter word to its immediately succeeding letter.

Step IV: If the words start with vowel, then arrange the letters within the word in alphabetical order (from left) and if the word starts with consonant, then arrange the letters within the word in reverse alphabetical order (from left).

Step V: Arrange the words in dictionary order from the left end and change the last letter of the word with the immediately succeeding letter.

Input: ANCHOR FROZEN TABLET LANTER ORBITS

Step I: TABLET ORBITS LANTER FROZEN ANCHOR

Step II: TBE ALT RIS OBT LNE ATR FOE RZN NHR ACO

Step III: ADO AMT AUR FPE LOE NIR OCT RJS RAN TCE

Step IV: ADO AMT ARU PFE OLE RNI COT SRJ RNA TEC

Step V: ADP AMU ARV COU OLF PFF RNB RNJ SRK TED

This is our final step.

Hence, the correct answer is OCT.

Q25. Answer: (c) Three

Logic:

Step I: Arrange all the words in reverse dictionary order from left to right.

Step II: Break the 6-letter word in two words, of 3-letter each following the given condition-

• If the word starts with a vowel, then the first 3-letter word will form with the 'even positioned letters from left' of the given word. And, the second 3-letter word will form with the 'rest/ odd-positioned letters from left'.

• If the word starts with a consonant, then the first 3-letter word will form with the 'odd positioned digits from left end' of the given word. And, the second 3-letter word will form with the 'rest/ even-positioned letters from left'.

Step III: Arrange the words in dictionary order from left to right and change the middle letter of each 3-letter word to its immediately succeeding letter.

Step IV: If the words start with vowel, then arrange the letters within the word in alphabetical order (from left) and if the word starts with consonant, then arrange the letters within the word in reverse alphabetical order (from left).

Step V: Arrange the words in dictionary order from the left end and change the last letter of the word with the immediately succeeding letter.

Input: ANCHOR FROZEN TABLET LANTER ORBITS

Step I: TABLET ORBITS LANTER FROZEN ANCHOR

Step II: TBE ALT RIS OBT LNE ATR FOE RZN NHR ACO

Step III: ADO AMT AUR FPE LOE NIR OCT RJS RAN TCE

Step IV: ADO AMT ARU PFE OLE RNI COT SRJ RNA TEC

Step V: ADP AMU ARV COU OLF PFF RNB RNJ SRK TED

This is our final step.

Hence, the correct answer is Three.

Q26. Answer: (c) Statements I and III together are sufficient to answer the question.

Statement I: Two persons visited between L and O. N visited two persons after O. P visited before J.

Statement II: K visited before M, and M visited two persons after O. L visited on Monday. N visited after M. P visited before N. J visited before O.

From I and II,

Days	Persons
Monday	L
Tuesday	J/P/
Wednesday	J/P/
Thursday	O
Friday	P/
Saturday	N
Sunday	

It's not sufficient because the lines contradict each other.

Statement I: Two persons visited between L and O. N visited two persons after O. P visited before J.

Statement III: M visited either on Monday or on Sunday. K visited before P. As many persons visited before K as after N. P visited after L but before O.

YourMockTest.com — Free Study Material

From I and III,

Days	Persons
Monday	L
Tuesday	K
Wednesday	P
Thursday	O
Friday	J
Saturday	N
Sunday	M

Hence, the correct answer is Statements I and III together are sufficient to answer the question.

Q27. Answer: (e) Statements I, II and III together are necessary to answer the question.

Statement I: In a certain language, "mountain bright sky cloud" is coded as “za tp lm rk”, and "forest cloud dark sky" is coded as “rk lm se tp”.

Sky - lm

Statement II: In a certain language, "river is clean path" is coded as “mu ke jo fh”, and "clean garden path stone" is coded as “ke va jo nf”.

clean/path - ke/jo

river/is - mu/fh

garden/stone - va/nf

Statement III: In a certain language, "mountain blue forest river" is coded as “za wi rk mu”, and "bright river night" is coded as “tp mu gx”.

river - mu

From I, II, and III,

Forest is bright = rk fh tp

Hence, the correct answer is Statements I, II and III together are necessary to answer the question.

Q28. Answer: (d) Data in All I, II, and III statements together are sufficient

Statement I: The Novel carton is placed two positions below the carton packed in the Green box. The Novel carton is not in the bottommost position. The number of cartons placed above the Green box is equal to the number of cartons placed below the White box.

Boxes	Books-Color		
Case 1	Case 2	Case 3	
6			• Green
5		• Green	
4	• Green		Novel -
3	• White	Novel -	
2	Novel -	• White	
1			• White

Statement II: The Dictionary carton is placed immediately below the carton that is three positions above the White box. The Orange box is placed immediately above the Pink box. The Novel is in neither the Orange nor the Pink box.

Boxes	Books-Color		
Case 1	Case 2	Case 3	
6	•		
5	Dictionary -	•	
4		Dictionary -	•

3	• White		Dictionary -
2		• White	
1			• White

Statement III: The Atlas carton is placed two positions above the carton packed in the Blue box. Atlas is not in the Green box. The Magazine carton is in neither the Green nor the Blue box. The Magazine carton is placed two positions above the Comic carton.

From I, and II,

Boxes	Books-Color	
Case 1	Case 3	
6	• Orange	• Green
5	Dictionary - Pink	
4	• Green	Novel -
3	• White	Dictionary - Orange
2	Novel -	• Pink
1		• White

From I, II, and III,

Boxes	Books-Color
Case 1	
6	Magazine - Orange
5	Dictionary - Pink
4	Comic - Green
3	Atlas - White
2	Novel - Purple
1	Encyclopedia - Blue

Hence, the correct answer is Data in All I, II, and III statements together are sufficient.

Q29. Answer: (a) Data in either Statements II and III or Statements I and III together are sufficient

Statement I: Q sits to the right of P. Q sits at one of the ends. R is a Photographer. The person who faces the Dancer sits immediately left of the Photographer.

Statement II: L faces the person who sits to the immediate left of Q. Q faces the person whose hobby is Painter. L is not a Singer.

Statement III: R sits to the immediate left of the person facing M. Only one person sits between the Painter and the Dancer. The person whose hobby is Singer sits immediately left of the person who faces the Writer.

From II and III,

From I and III,

Hence, the correct answer is Data in either Statements II and III or Statements I and III together are sufficient.

Q30. Answer: (b) Seven

Given: Ten flights are scheduled to take off from an airport between 4:00 pm to 5:00 pm. Each flight takes off at 5-minute intervals and is scheduled to land in different countries, Bhutan, Nepal, Malaysia, India, USA, Cambodia, Vietnam, Italy, Maldives, and Mauritius, but not necessarily in the same order.

1. Flight AX takes off five slots before the flight that is scheduled to land in Malaysia.
2. Flight AX takes off two slots before the flight, which is scheduled to land in India, and immediately after Flight CP's slot.
3. Flight CP lands in Vietnam.
4. There are two slots between the flights that are scheduled to land in Malaysia and Cambodia.
5. Flight BR takes off two slots after the flight that is scheduled to land in Malaysia.
6. There is a vacant slot adjacent to the slot of the flight that is scheduled to land in Cambodia and India.

Here, we have 3 Cases, i.e., Case 1, Case 2, and Case 3.

YourMockTest.com — Free Study Material

Case 1:

Slots	Flights	Countries
4:00 PM		
4:05 PM		
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM		India
4:30 PM		
4:35 PM		
4:40 PM		Malaysia
4:45 PM		
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

Case 2:

Slots	Flights	Countries
4:00 PM		
4:05 PM	CP	Vietnam
4:10 PM	AX	
4:15 PM	Vacant	Vacant
4:20 PM		India
4:25 PM		
4:30 PM		
4:35 PM		Malaysia
4:40 PM		
4:45 PM	BR	
4:50 PM		Cambodia
4:55 PM	Vacant	Vacant
5:00 PM		

Case 3:

Slots	Flights	Countries
4:00 PM	CP	Vietnam
4:05 PM	AX	
4:10 PM	Vacant	Vacant
4:15 PM		India
4:20 PM		
4:25 PM		
4:30 PM		Malaysia

YourMockTest.com — Free Study Material

4:35 PM		
4:40 PM	BR	
4:45 PM		Cambodia
4:50 PM	Vacant	Vacant
4:55 PM		
5:00 PM		

7. Flight FN takes off before Flight BR and is scheduled to land in Bhutan.

8. Flight GT takes off before Flight FN, but not immediately before.

9. Flight GT takes off six slots before the flight that is scheduled to land in the Maldives.

10. The flight, which is scheduled to land in the Maldives, has a slot that is adjacent to Flight HR's slot, and the flight, which is scheduled to land in the USA.

11. Flight JK and Flight HR don't land in Malaysia.

Now, we can eliminate Case 2 and Case 3.

Case 1:

Slots	Flights	Countries
4:00 PM	GT	
4:05 PM		
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM		Maldives
4:35 PM		USA
4:40 PM		Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

12. Flight DV takes off immediately after Flight EM's slot and two slots after the slot in which the flight that is scheduled to land in India.

Case 1:

Slots	Flights	Countries
4:00 PM	GT	
4:05 PM	Vacant	Vacant
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM	EM	Maldives
4:35 PM	DV	USA
4:40 PM		Malaysia

YourMockTest.com – Free Study Material

4:45 PM	FN	Bhutan
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

13. Flight GT, Flight LM, and Flight AX don't land in Nepal.

14. Flight GT doesn't land in Italy. (From point 11)

This is our final arrangement,

Slots	Flights	Countries
4:00 PM	GT	Mauritius
4:05 PM	Vacant	Vacant
4:10 PM	CP	Vietnam
4:15 PM	AX	Italy
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM	EM	Maldives
4:35 PM	DV	USA
4:40 PM	LM	Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	Nepal
4:55 PM	JK	Cambodia
5:00 PM	Vacant	Vacant

Hence, the correct answer is Seven.

Q31. Answer: (b) Flight JK - 4:55 pm - Cambodia

Given: Ten flights are scheduled to take off from an airport between 4:00 pm to 5:00 pm. Each flight takes off at 5-minute intervals and is scheduled to land in different countries, Bhutan, Nepal, Malaysia, India, USA, Cambodia, Vietnam, Italy, Maldives, and Mauritius, but not necessarily in the same order.

1. Flight AX takes off five slots before the flight that is scheduled to land in Malaysia.

2. Flight AX takes off two slots before the flight, which is scheduled to land in India, and immediately after Flight CP's slot.

3. Flight CP lands in Vietnam.

4. There are two slots between the flights that are scheduled to land in Malaysia and Cambodia.

5. Flight BR takes off two slots after the flight that is scheduled to land in Malaysia.

6. There is a vacant slot adjacent to the slot of the flight that is scheduled to land in Cambodia and India.

Here, we have 3 Cases, i.e., Case 1, Case 2, and Case 3.

Case 1:

Slots	Flights	Countries
4:00 PM		
4:05 PM		
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM		India
4:30 PM		

YourMockTest.com — Free Study Material

4:35 PM		
4:40 PM		Malaysia
4:45 PM		
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

Case 2:

Slots	Flights	Countries
4:00 PM		
4:05 PM	CP	Vietnam
4:10 PM	AX	
4:15 PM	Vacant	Vacant
4:20 PM		India
4:25 PM		
4:30 PM		
4:35 PM		Malaysia
4:40 PM		
4:45 PM	BR	
4:50 PM		Cambodia
4:55 PM	Vacant	Vacant
5:00 PM		

Case 3:

Slots	Flights	Countries
4:00 PM	CP	Vietnam
4:05 PM	AX	
4:10 PM	Vacant	Vacant
4:15 PM		India
4:20 PM		
4:25 PM		
4:30 PM		Malaysia
4:35 PM		
4:40 PM	BR	
4:45 PM		Cambodia
4:50 PM	Vacant	Vacant
4:55 PM		
5:00 PM		

7. Flight FN takes off before Flight BR and is scheduled to land in Bhutan.
8. Flight GT takes off before Flight FN, but not immediately before.
9. Flight GT takes off six slots before the flight that is scheduled to land in the Maldives.

YourMockTest.com — Free Study Material

10. The flight, which is scheduled to land in the Maldives, has a slot that is adjacent to Flight HR's slot, and the flight, which is scheduled to land in the USA.

11. Flight JK and Flight HR don't land in Malaysia.

Now, we can eliminate Case 2 and Case 3.

Case 1:

Slots	Flights	Countries
4:00 PM	GT	
4:05 PM		
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM		Maldives
4:35 PM		USA
4:40 PM		Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

12. Flight DV takes off immediately after Flight EM's slot and two slots after the slot in which the flight that is scheduled to land in India.

Case 1:

Slots	Flights	Countries
4:00 PM	GT	
4:05 PM	Vacant	Vacant
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM	EM	Maldives
4:35 PM	DV	USA
4:40 PM		Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

13. Flight GT, Flight LM, and Flight AX don't land in Nepal.

14. Flight GT doesn't land in Italy. (From point 11)

This is our final arrangement,

Slots	Flights	Countries
4:00 PM	GT	Mauritius

YourMockTest.com — Free Study Material

4:05 PM	Vacant	Vacant
4:10 PM	CP	Vietnam
4:15 PM	AX	Italy
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM	EM	Maldives
4:35 PM	DV	USA
4:40 PM	LM	Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	Nepal
4:55 PM	JK	Cambodia
5:00 PM	Vacant	Vacant

Hence, the correct answer is Flight JK - 4:55 pm - Cambodia.

Q32. Answer: (a) Flight LM

Given: Ten flights are scheduled to take off from an airport between 4:00 pm to 5:00 pm. Each flight takes off at 5-minute intervals and is scheduled to land in different countries, Bhutan, Nepal, Malaysia, India, USA, Cambodia, Vietnam, Italy, Maldives, and Mauritius, but not necessarily in the same order.

1. Flight AX takes off five slots before the flight that is scheduled to land in Malaysia.
2. Flight AX takes off two slots before the flight, which is scheduled to land in India, and immediately after Flight CP's slot.
3. Flight CP lands in Vietnam.
4. There are two slots between the flights that are scheduled to land in Malaysia and Cambodia.
5. Flight BR takes off two slots after the flight that is scheduled to land in Malaysia.
6. There is a vacant slot adjacent to the slot of the flight that is scheduled to land in Cambodia and India.

Here, we have 3 Cases, i.e., Case 1, Case 2, and Case 3.

Case 1:

Slots	Flights	Countries
4:00 PM		
4:05 PM		
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM		India
4:30 PM		
4:35 PM		
4:40 PM		Malaysia
4:45 PM		
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

Case 2:

Slots	Flights	Countries

4:00 PM		
4:05 PM	CP	Vietnam
4:10 PM	AX	
4:15 PM	Vacant	Vacant
4:20 PM		India
4:25 PM		
4:30 PM		
4:35 PM		Malaysia
4:40 PM		
4:45 PM	BR	
4:50 PM		Cambodia
4:55 PM	Vacant	Vacant
5:00 PM		

Case 3:

Slots	Flights	Countries
4:00 PM	CP	Vietnam
4:05 PM	AX	
4:10 PM	Vacant	Vacant
4:15 PM		India
4:20 PM		
4:25 PM		
4:30 PM		Malaysia
4:35 PM		
4:40 PM	BR	
4:45 PM		Cambodia
4:50 PM	Vacant	Vacant
4:55 PM		
5:00 PM		

7. Flight FN takes off before Flight BR and is scheduled to land in Bhutan.

8. Flight GT takes off before Flight FN, but not immediately before.

9. Flight GT takes off six slots before the flight that is scheduled to land in the Maldives.

10. The flight, which is scheduled to land in the Maldives, has a slot that is adjacent to Flight HR's slot, and the flight, which is scheduled to land in the USA.

11. Flight JK and Flight HR don't land in Malaysia.

Now, we can eliminate Case 2 and Case 3.

Case 1:

Slots	Flights	Countries
4:00 PM	GT	
4:05 PM		
4:10 PM	CP	Vietnam

YourMockTest.com — Free Study Material

4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM		Maldives
4:35 PM		USA
4:40 PM		Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

12. Flight DV takes off immediately after Flight EM's slot and two slots after the slot in which the flight that is scheduled to land in India.

Case 1:

Slots	Flights	Countries
4:00 PM	GT	
4:05 PM	Vacant	Vacant
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM	EM	Maldives
4:35 PM	DV	USA
4:40 PM		Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

13. Flight GT, Flight LM, and Flight AX don't land in Nepal.

14. Flight GT doesn't land in Italy. (From point 11)

This is our final arrangement,

Slots	Flights	Countries
4:00 PM	GT	Mauritius
4:05 PM	Vacant	Vacant
4:10 PM	CP	Vietnam
4:15 PM	AX	Italy
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM	EM	Maldives
4:35 PM	DV	USA
4:40 PM	LM	Malaysia

YourMockTest.com — Free Study Material

4:45 PM	FN	Bhutan
4:50 PM	BR	Nepal
4:55 PM	JK	Cambodia
5:00 PM	Vacant	Vacant

Hence, the correct answer is Flight LM.

Q33. Answer: (e) Flight GT

Given: Ten flights are scheduled to take off from an airport between 4:00 pm to 5:00 pm. Each flight takes off at 5-minute intervals and is scheduled to land in different countries, Bhutan, Nepal, Malaysia, India, USA, Cambodia, Vietnam, Italy, Maldives, and Mauritius, but not necessarily in the same order.

1. Flight AX takes off five slots before the flight that is scheduled to land in Malaysia.
2. Flight AX takes off two slots before the flight, which is scheduled to land in India, and immediately after Flight CP's slot.
3. Flight CP lands in Vietnam.
4. There are two slots between the flights that are scheduled to land in Malaysia and Cambodia.
5. Flight BR takes off two slots after the flight that is scheduled to land in Malaysia.
6. There is a vacant slot adjacent to the slot of the flight that is scheduled to land in Cambodia and India.

Here, we have 3 Cases, i.e., Case 1, Case 2, and Case 3.

Case 1:

Slots	Flights	Countries
4:00 PM		
4:05 PM		
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM		India
4:30 PM		
4:35 PM		
4:40 PM		Malaysia
4:45 PM		
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

Case 2:

Slots	Flights	Countries
4:00 PM		
4:05 PM	CP	Vietnam
4:10 PM	AX	
4:15 PM	Vacant	Vacant
4:20 PM		India
4:25 PM		
4:30 PM		
4:35 PM		Malaysia

4:40 PM		
4:45 PM	BR	
4:50 PM		Cambodia
4:55 PM	Vacant	Vacant
5:00 PM		

Case 3:

Slots	Flights	Countries
4:00 PM	CP	Vietnam
4:05 PM	AX	
4:10 PM	Vacant	Vacant
4:15 PM		India
4:20 PM		
4:25 PM		
4:30 PM		Malaysia
4:35 PM		
4:40 PM	BR	
4:45 PM		Cambodia
4:50 PM	Vacant	Vacant
4:55 PM		
5:00 PM		

7. Flight FN takes off before Flight BR and is scheduled to land in Bhutan.

8. Flight GT takes off before Flight FN, but not immediately before.

9. Flight GT takes off six slots before the flight that is scheduled to land in the Maldives.

10. The flight, which is scheduled to land in the Maldives, has a slot that is adjacent to Flight HR's slot, and the flight, which is scheduled to land in the USA.

11. Flight JK and Flight HR don't land in Malaysia.

Now, we can eliminate Case 2 and Case 3.

Case 1:

Slots	Flights	Countries
4:00 PM	GT	
4:05 PM		
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM		Maldives
4:35 PM		USA
4:40 PM		Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	

YourMockTest.com — Free Study Material

4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

12. Flight DV takes off immediately after Flight EM's slot and two slots after the slot in which the flight that is scheduled to land in India.

Case 1:

Slots	Flights	Countries
4:00 PM	GT	
4:05 PM	Vacant	Vacant
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM	EM	Maldives
4:35 PM	DV	USA
4:40 PM		Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

13. Flight GT, Flight LM, and Flight AX don't land in Nepal.

14. Flight GT doesn't land in Italy. (From point 11)

This is our final arrangement,

Slots	Flights	Countries
4:00 PM	GT	Mauritius
4:05 PM	Vacant	Vacant
4:10 PM	CP	Vietnam
4:15 PM	AX	Italy
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM	EM	Maldives
4:35 PM	DV	USA
4:40 PM	LM	Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	Nepal
4:55 PM	JK	Cambodia
5:00 PM	Vacant	Vacant

Hence, the correct answer is Flight GT.

Q34. Answer: (d) There is a time difference of 25 minutes between the flights that are scheduled to land in Italy and Malaysia.

Given: Ten flights are scheduled to take off from an airport between 4:00 pm to 5:00 pm. Each flight takes off at 5-minute intervals and is scheduled to land in different countries, Bhutan, Nepal, Malaysia, India, USA, Cambodia, Vietnam, Italy, Maldives, and

YourMockTest.com — Free Study Material

Mauritius, but not necessarily in the same order.

1. Flight AX takes off five slots before the flight that is scheduled to land in Malaysia.
2. Flight AX takes off two slots before the flight, which is scheduled to land in India, and immediately after Flight CP's slot.
3. Flight CP lands in Vietnam.
4. There are two slots between the flights that are scheduled to land in Malaysia and Cambodia.
5. Flight BR takes off two slots after the flight that is scheduled to land in Malaysia.
6. There is a vacant slot adjacent to the slot of the flight that is scheduled to land in Cambodia and India.

Here, we have 3 Cases, i.e., Case 1, Case 2, and Case 3.

Case 1:

Slots	Flights	Countries
4:00 PM		
4:05 PM		
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM		India
4:30 PM		
4:35 PM		
4:40 PM		Malaysia
4:45 PM		
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

Case 2:

Slots	Flights	Countries
4:00 PM		
4:05 PM	CP	Vietnam
4:10 PM	AX	
4:15 PM	Vacant	Vacant
4:20 PM		India
4:25 PM		
4:30 PM		
4:35 PM		Malaysia
4:40 PM		
4:45 PM	BR	
4:50 PM		Cambodia
4:55 PM	Vacant	Vacant
5:00 PM		

Case 3:

Slots	Flights	Countries
4:00 PM	CP	Vietnam

YourMockTest.com — Free Study Material

4:05 PM	AX	
4:10 PM	Vacant	Vacant
4:15 PM		India
4:20 PM		
4:25 PM		
4:30 PM		Malaysia
4:35 PM		
4:40 PM	BR	
4:45 PM		Cambodia
4:50 PM	Vacant	Vacant
4:55 PM		
5:00 PM		

7. Flight FN takes off before Flight BR and is scheduled to land in Bhutan.

8. Flight GT takes off before Flight FN, but not immediately before.

9. Flight GT takes off six slots before the flight that is scheduled to land in the Maldives.

10. The flight, which is scheduled to land in the Maldives, has a slot that is adjacent to Flight HR's slot, and the flight, which is scheduled to land in the USA.

11. Flight JK and Flight HR don't land in Malaysia.

Now, we can eliminate Case 2 and Case 3.

Case 1:

Slots	Flights	Countries
4:00 PM	GT	
4:05 PM		
4:10 PM	CP	Vietnam
4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM		Maldives
4:35 PM		USA
4:40 PM		Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

12. Flight DV takes off immediately after Flight EM's slot and two slots after the slot in which the flight that is scheduled to land in India.

Case 1:

Slots	Flights	Countries
4:00 PM	GT	
4:05 PM	Vacant	Vacant
4:10 PM	CP	Vietnam

YourMockTest.com — Free Study Material

4:15 PM	AX	
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM	EM	Maldives
4:35 PM	DV	USA
4:40 PM		Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	
4:55 PM		Cambodia
5:00 PM	Vacant	Vacant

13. Flight GT, Flight LM, and Flight AX don't land in Nepal.

14. Flight GT doesn't land in Italy. (From point 11)

This is our final arrangement,

Slots	Flights	Countries
4:00 PM	GT	Mauritius
4:05 PM	Vacant	Vacant
4:10 PM	CP	Vietnam
4:15 PM	AX	Italy
4:20 PM	Vacant	Vacant
4:25 PM	HR	India
4:30 PM	EM	Maldives
4:35 PM	DV	USA
4:40 PM	LM	Malaysia
4:45 PM	FN	Bhutan
4:50 PM	BR	Nepal
4:55 PM	JK	Cambodia
5:00 PM	Vacant	Vacant

Hence, the correct answer is There is a time difference of 25 minutes between the flights that are scheduled to land in Italy and Malaysia.

Q35. Answer: (b) Ethical considerations influenced corporate decision-making.

A major pharmaceutical company decided on its own to withdraw one of its top-selling medicines after internal testing indicated possible long-term health risks. This action was taken even though regulators had not instructed the company to do so. Although the recall caused immediate financial losses, it helped enhance the company's reputation by showing responsibility toward public safety.

Option 1: Incorrect

There is no indication that the recall was aimed at reducing competition. This motive is not supported by the passage.

Option 2: Correct

This is the best conclusion. The voluntary recall, despite financial loss and no regulatory pressure, shows a strong ethical commitment to consumer safety.

Option 3: Incorrect

The passage explicitly states that no regulatory directive was issued, ruling this out.

Option 4: Incorrect

There is no mention of a ban. The recall was initiated by the company itself.

Option 5: Incorrect

The passage says the company's public image improved, which implies consumer trust increased, not remained unchanged.

Hence, the correct answer is Ethical considerations influenced corporate decision-making.

Q36. Answer: (b) Technology-driven monitoring can improve efficiency in waste collection.

Option (a): Incorrect

The passage does not assume that waste generation is equal across all areas of the city.

Option (b): Correct

The introduction of GPS-enabled trucks and sensor-based bins clearly assumes that technology-driven monitoring can improve efficiency in waste collection and cleanliness.

Option (c): Incorrect

There is no indication that peripheral areas generate less waste.

Option (d): Incorrect

The passage does not suggest that manual waste collection is entirely ineffective.

Option (e): Incorrect

Residents are not expected to monitor garbage trucks themselves.

Hence, the correct answer is Technology-driven monitoring can improve efficiency in waste collection.

Q37. Answer: (c) Lack of digital familiarity and access may limit rural adoption.

Option (a): Incorrect

The passage does not suggest a lack of interest in insurance among rural policyholders.

Option (b): Incorrect

Digital platforms are shown to be effective for urban users, so this inference is invalid.

Option (c): Correct

Lower adoption in rural areas, despite success in cities, logically indicates limitations related to digital access or familiarity.

Option (d): Incorrect

The passage provides no comparison of claim volumes between urban and rural customers.

Option (e): Incorrect

There is no suggestion that physical branches should be shut down.

Hence, the correct answer is Lack of digital familiarity and access may limit rural adoption.

Q38. Answer: (c) Sister in law

Let us first decode the given symbols and then draw a family tree.

A is										
Symbol	¥	$	%	€	^	#	&	•	©	@
Meaning	Mother	Father	Daughter	Sister	Son	Brother	Husband	Wife	Grandfather	Grandmother
Of B										

Now draw the family tree using following notations:

'K % L ^ M © N * O # P' means K is the daughter of L, L is the son of M, M is grandfather of N, N is the wife of O, O is the brother of P.

Hence, K is the sister in law of O.

Q39. Answer: (a) K # X ¥ Z # L $ Y

Let us first decode the given symbols and then draw a family tree.

A is										
Symbol	¥	$	%	€	^	#	&	•	©	@
Meaning	Mother	Father	Daughter	Sister	Son	Brother	Husband	Wife	Grandfather	Grandmother
Of B										

Now draw the family tree using following notations:

Using statement 1:

'K # X ¥ Z # L $ Y' means K is the brother of X, X is the mother of Z, Z is the brother of L, L is the father of Y.

This statement is true.

So, "K # X ¥ Z # L $ Y" is the correct answer.

Q40. Answer: (e) 2

Let us first decode the given symbols and then draw a family tree.

A is										
Symbol	¥	$	%	€	^	#	&	•	©	@
Meaning	Mother	Father	Daughter	Sister	Son	Brother	Husband	Wife	Grandfather	Grandmother
Of B										

Now draw the family tree using following notations:

'P ¥ Q & R € S $ T % V' means P is the mother of Q, Q is the husband of R, R is the sister of S, S is the father of T, T is the daughter of V.

Hence, no of male members are 2.

Q41. Answer: (d) Only III true

Common Calculation

Let

Rs= Riya Saturday,

Ru= Riya Sunday,

Rm = Riya Monday.

Given: Ru:Rm=2:1

So, Ru=2k,Rm=k

Tina's Monday: Tm = 20

Condition 1:

Tina Saturday = Average of Riya's 3 days

Ts=[Rs + Ru + Rm]/3 = [Rs + 3k] / 3

Condition 2:

Difference on Monday = Difference on Saturday

Tm−Rm=Ts−Rs =

So,20 − k = [Rs+3k]/3− Rs

Or, Rs = 3k − 30

Also,

Ts=[Rs + 3k] / 3 =2k − 10

For Rs>0

So,3k−30>0

=> k > 10.

For Tm>Rm

So, 20>k

=>k<20.

So, 11≤k≤19

Calculation

1. If k=18 → R _ mon=18, R_sun=36, R _sat=24.

Then T _sat=26, T _mon=20. For total=81, T _sun=35, but this is not greater than R_sun=36. Hence, False.

II. R _sat=90 => 3k-30=90 => k=40, which is not allowed (k<20). Hence, False.

III. R _sat=21 => 3k-30=21 => k=17. Then R_sun=34, so Tina on Sunday >34 => minimum = 35. Hence, True.

Final Answer for Q1: Only III can be true.

YourMockTest.com — Free Study Material

Q42. Answer: (e) CND

Common Calculation

Let

Rs= Riya Saturday,

Ru= Riya Sunday,

Rm = Riya Monday.

Given: Ru:Rm=2:1

So, Ru=2k,Rm=k

Tina's Monday: Tm = 20

Condition 1:

Tina Saturday = Average of Riya's 3 days

Ts=[Rs + Ru + Rm]/3 = [Rs + 3k] / 3

Condition 2:

Difference on Monday = Difference on Saturday

Tm−Rm=Ts−Rs =

So,20 − k = [Rs+3k]/3− Rs

Or, Rs = 3k − 30

Also,

Ts=[Rs + 3k] / 3 =2k − 10

For Rs>0

So,3k−30>0

=> k > 10.

For Tm>Rm

So, 20 > k

=> k < 20.

So, 11 ≤ k ≤ 19

Calculation

Tina total = T_sat + T_sun + T_mon = (2k - 10) + T_sun + 20 = 2k + T_sun + 10.

Given total=94 => T_sun=84 - 2k.

Possible values (10 ≤ k ≤ 19): {64, 62, 60, 58, 56, 54, 52, 50, 48, 46}.

So Tina's Sunday sales are not unique. They depend on k.

Q43. Answer: (a) Only II and III true

Common Calculation

Vendor P

Basic pay = 3200 → Sales target = 8000

Units sold = 250 → Sales achieved = 250 × 20 = 5000

% target = 5000/8000 = 62.5% → Incentive = Rs. 7,500

Vendor Q

Sales target = 7000 → Basic pay = 7000/2.5 = 2800

Units sold = 300 → Sales achieved = 300 × 20 = 6000

% target = 6000/7000 = 85.71% → Incentive = Rs. 10,500

Vendor R

Basic pay = 3600 → Sales target = 9000

Sales achieved = 4500 → Units sold = 4500/20 = 225

% target = 4500/9000 = 50% → Incentive = Rs. 6,000

Vendor S

Basic pay = 4000 → Sales target = 10,000

Units sold = 330 → Sales achieved = 330 × 20 = 6600

% target = 6600/10000 = 66% → Incentive = Rs. 7,500

Calculation

I. Incentives of P and Q = 7500 + 10500 = 18,000 ≠ 15,000 → False

II. Units sold: P=250, Q=300, R=225, S=330 → R lowest → True
III. Incentive: S=7,500 > R=6,000 → True
Correct: II and III are true.

Q44. Answer: (a) 252

Common Calculation
Vendor P
Basic pay = 3200 → Sales target = 8000
Units sold = 250 → Sales achieved = 250 × 20 = 5000
% target = 5000/8000 = 62.5% → Incentive = Rs. 7,500
Vendor Q
Sales target = 7000 → Basic pay = 7000/2.5 = 2800
Units sold = 300 → Sales achieved = 300 × 20 = 6000
% target = 6000/7000 = 85.71% → Incentive = Rs. 10,500
Vendor R
Basic pay = 3600 → Sales target = 9000
Sales achieved = 4500 → Units sold = 4500/20 = 225
% target = 4500/9000 = 50% → Incentive = Rs. 6,000
Vendor S
Basic pay = 4000 → Sales target = 10,000
Units sold = 330 → Sales achieved = 330 × 20 = 6600
% target = 6600/10000 = 66% → Incentive = Rs. 7,500
Calculation
Q basic pay = 2800 → K = 1.2 × 2800 = 3360
Sales target = 2.5 × 3360 = 8400
Achieved 60% = 0.6 × 8400 = 5040
Units sold = 5040 / 20 = 252

Q45. Answer: (a) 6000

Common Calculation
Vendor P
Basic pay = 3200 → Sales target = 8000
Units sold = 250 → Sales achieved = 250 × 20 = 5000
% target = 5000/8000 = 62.5% → Incentive = Rs. 7,500
Vendor Q
Sales target = 7000 → Basic pay = 7000/2.5 = 2800
Units sold = 300 → Sales achieved = 300 × 20 = 6000
% target = 6000/7000 = 85.71% → Incentive = Rs. 10,500
Vendor R
Basic pay = 3600 → Sales target = 9000
Sales achieved = 4500 → Units sold = 4500/20 = 225
% target = 4500/9000 = 50% → Incentive = Rs. 6,000
Vendor S
Basic pay = 4000 → Sales target = 10,000
Units sold = 330 → Sales achieved = 330 × 20 = 6600
% target = 6600/10000 = 66% → Incentive = Rs. 7,500
Calculation
Units = average of P and Q = (250 + 300)/2 = 275
→ Sales = 275 × 20 = 5500
Basic pay = average of R and S = (3600 + 4000)/2 = 3800
→ Target = 9500
% target = 5500/9500 ≈ 57.89%

→ Incentive = Rs. 6,000

Q46. Answer: (a) 10500

Common Calculation
Vendor P
Basic pay = 3200 → Sales target = 8000
Units sold = 250 → Sales achieved = 250 × 20 = 5000
% target = 5000/8000 = 62.5% → Incentive = Rs. 7,500
Vendor Q
Sales target = 7000 → Basic pay = 7000/2.5 = 2800
Units sold = 300 → Sales achieved = 300 × 20 = 6000
% target = 6000/7000 = 85.71% → Incentive = Rs. 10,500
Vendor R
Basic pay = 3600 → Sales target = 9000
Sales achieved = 4500 → Units sold = 4500/20 = 225
% target = 4500/9000 = 50% → Incentive = Rs. 6,000
Vendor S
Basic pay = 4000 → Sales target = 10,000
Units sold = 330 → Sales achieved = 330 × 20 = 6600
% target = 6600/10000 = 66% → Incentive = Rs. 7,500
Calculation
Sales target = 7000 → Basic pay = 7000/2.5 = 2800
Units sold = 300 → Sales achieved = 300 × 20 = 6000
% target = 6000/7000 = 85.71%
→ Incentive = Rs. 10,500

Q47. Answer: (a) 83.33

Common Calculation
Vendor P
Basic pay = 3200 → Sales target = 8000
Units sold = 250 → Sales achieved = 250 × 20 = 5000
% target = 5000/8000 = 62.5% → Incentive = Rs. 7,500
Vendor Q
Sales target = 7000 → Basic pay = 7000/2.5 = 2800
Units sold = 300 → Sales achieved = 300 × 20 = 6000
% target = 6000/7000 = 85.71% → Incentive = Rs. 10,500
Vendor R
Basic pay = 3600 → Sales target = 9000
Sales achieved = 4500 → Units sold = 4500/20 = 225
% target = 4500/9000 = 50% → Incentive = Rs. 6,000
Vendor S
Basic pay = 4000 → Sales target = 10,000
Units sold = 330 → Sales achieved = 330 × 20 = 6600
% target = 6600/10000 = 66% → Incentive = Rs. 7,500
Calculation
Incentive earned by Vendor Q = Rs. 10,500
Sales of P as % of Q = (5000/6000) × 100 = 83.33%

Q48. Answer: (a) Only II and III true

Common Calculation
Let's work it out step-by-step.
Solve the quadratic $x^2 - 14x + 48 = 0$
Discriminant $= 142 - 4 \times 48 = 196 - 192 = 4$

YourMockTest.com — Free Study Material

Roots =14±22={8,6}
The highest root =8=8=8.
Let n be the difference between the roots: n= 8 – 6 = 2
1st term = highest root = 8
2nd term = (n+4) − 2n = 4 – n = 4 – 2 = 2.
3rd term = (n + 1)2−(n + 1) = n(n + 1) =2 × 3=6.
4th term = (n+2)2−(n + 2) = (n+2)(n+1)=4 × 3=12.
5th term = (n+1)3 − (n + 5) = 27 − 7=20.
6th term = given = 30.
So the 6-number list (in the order requested) is:
8, 2, 6, 12, 20, 30
Calculation
Sequence: 8, 2, 6, 12, 20, 30
And n difference of roots =8 – 6 = 2
Now check each statement.
I. Product of 2nd and 5th numbers = 2 × 20 = 40
40 is not a perfect square (since 62 = 36 and 72 =49).
So I is false.
II. Last four numbers are 6, 12, 20, 30.
Sum =6 + 12 + 20 + 30 = 68
Average = 68/4 =17
So II is true.
III. 7th term is 6th term+n3= 30 + 8= 38
Check if 38 is a factor of 114: 114÷38=3
So III is true.
Final answer
I: False
II: True
III: True

Q49. Answer: (b) 6

Common Calculation
Let's work it out step-by-step.
Solve the quadratic x2 − 14x + 48 = 0
Discriminant =142 – 4 × 48 = 196 – 192 = 4
Roots =14±22={8,6}
The highest root =8=8=8.
Let n be the difference between the roots: n= 8 – 6 = 2
1st term = highest root = 8
2nd term = (n+4) − 2n = 4 – n = 4 – 2 = 2.
3rd term = (n + 1)2−(n + 1) = n(n + 1) =2 × 3=6.
4th term = (n+2)2−(n + 2) = (n+2)(n+1)=4 × 3=12.
5th term = (n+1)3 − (n + 5) = 27 − 7=20.
6th term = given = 30.
So the 6-number list (in the order requested) is:
8, 2, 6, 12, 20, 30
Calculation
So, required HCF is 6

Q50. Answer: (b) Relation cannot be established

Common Calculation
1. Lateral surface area of cuboid = 2h(l+b) = 140 => h(l+b) = 70

2. Volume of cuboid = l × b × h = 120

3. We need integer solutions (l, b, h) with l > b.

Checking integer triples, we get two valid cuboids:

• (l, b, h) = (4, 3, 10)

• (l, b, h) = (12, 2, 5)

Case 1: (l, b, h) = (4, 3, 10)

Quantity I = 2(4) - 3 - (10/2) = 0

Quantity II = (3×3×10)/4 = 90/4 = 22.5

Quantity III = (2×3 - 4)/10 = 2/10 = 0.2

Ordering: Quantity II > Quantity III > Quantity I

Case 2: (l, b, h) = (12, 2, 5)

Quantity I = 2(12) - 2 - (5/2) = 19.5

Quantity II = (3×2×5)/12 = 30/12 = 2.5

Quantity III = (2×2 - 12)/5 = -8/5 = -1.6

Ordering: Quantity I > Quantity II > Quantity III

Conclusion

Since the two valid cuboids give different orderings of the three quantities, we cannot determine a single consistent comparison. Hence, the data are insufficient to establish a unique order among Quantity I, II, and III.

Q51. Answer: (a) Only a true

Shortcut Trick

Total M + N = 56 kg with ratio 3:5 => M = 21 kg, N = 35 kg.

Condition for O: M < O < N => 21 < O < 35 => Max O = 34 kg (Statement a is True).

Condition for P and Q: N < P < Q. Total weight = 200 kg => 56 + O + P + Q = 200 => O + P + Q = 144.

For Max Q, O and P must be minimum: O = 22, P = 36 => Q = 144 − 22 − 36 = 86 kg (Statement b is False).

For Max P, O is min and Q is just P + 1: 22 + P + (P + 1) = 144 => 2P = 121 => P = 60 kg (Statement c is False).

Therefore The correct answer is Only a true.

Alternate Method

Given: Total = 200 kg; M + N = 56 kg; M:N = 3:5; M < O < N; N < P < Q.

=> 3x + 5x = 56 => 8x = 56 => x = 7.

=> Weight M = 21 kg, Weight N = 35 kg.

=> For O: 21 < O < 35. Integers range [22, 34]. Max O = 34 kg.

=> For P and Q: P + Q = 200 − (M + N + O) = 200 − 56 − O = 144 − O.

=> Since N < P < Q, minimum P = 36 kg and minimum Q = 37 kg.

=> Max Q occurs when O and P are min: O = 22, P = 36. Q = 144 − 22 − 36 = 86 kg.

=> Max P occurs when O is min and Q is P + 1: 22 + P + P + 1 = 144 => 2P = 121 => P = 60.5 (integer P = 60 kg).

Therefore The correct answer is Only a true.

Additional Information

Ratio and Proportion

To divide a quantity S into ratio a:b, the parts are (a × S)/(a+b) and (b × S)/(a+b).

Optimization with Constraints

To maximize one variable in a sum, all other variables must be kept at their minimum possible values allowed by the constraints.

Integer Constraints

In discrete weight problems, strictly greater than (>) for an integer x implies the next value is at least x + 1.

Q52. Answer: (a) 26

Shortcut Trick

Roots of x2 − 130x + 4200 = 0 are 70 and 60 (since 70+60=130 and 70×60=4200).

Given SA > SB => SA = 70 km/hr and SB = 60 km/hr.

When speeds are swapped, Time A increases by 2: D/60 − D/70 = 2 => D(10/4200) = 2 => D = 840 km.

TA = 840/70 = 12 hours and TB = 840/60 = 14 hours.

Sum of times = 12 + 14 = 26 hours.

Therefore The correct answer is 26 hours.

Alternate Method

Given: Equation x2 − 130x + 4200 = 0; SA > SB; Swap condition: A takes TA+2 at SB.

Formula Used: Time = Distance ÷ Speed; Quadratic roots: x = [−b ± √(b2 − 4ac)] / 2a

=> x2 − 70x − 60x + 4200 = 0

=> (x − 70)(x − 60) = 0 => x = 70, 60. Since SA > SB, SA = 70 km/hr, SB = 60 km/hr.

=> TA = D/70 and TB = D/60.

=> Swap condition for Train A: D/SB = TA + 2 => D/60 = D/70 + 2

=> D/60 − D/70 = 2 => (7D − 6D)/420 = 2 => D/420 = 2 => D = 840 km.

=> TA = 840 / 70 = 12 hours.

=> TB = 840 / 60 = 14 hours.

=> Sum = 12 + 14 = 26 hours.

Therefore The correct answer is 26 hours.

Additional Information

Quadratic Roots Property

For ax2 + bx + c = 0, sum of roots is −b/a and product of roots is c/a. Here 70+60=130 and 70×60=4200.

Inverse Proportion of Speed and Time

For a constant distance, speed is inversely proportional to time (S1/S2 = T2/T1). Swapping speeds results in a direct swap of time values.

Average Speed

If a distance is covered at two different speeds S1 and S2, the average speed for the whole journey is 2S1S2 / (S1 + S2).

Q53. Answer: (b) 6

Shortcut Trick

Ratio of Lengths (P:Q) = 100:75 = 4:3. Ratio of Heights (P:Q) = 120:100 = 6:5.

Volume Ratio = (L_P × B_P × H_P) / (L_Q × B_Q × H_Q) = 8/3.

=> (4 × B_P × 6) / (3 × B_Q × 5) = 8/3 => 24B_P / 15B_Q = 8/3 => B_P / B_Q = (8 × 15) / (3 × 24) = 5/3.

Given B_P − B_Q = z. Since B_P:B_Q = 5:3, let B_P = 5k and B_Q = 3k, then z = 2k.

From Statement II, Side a = B_P = 5k. Surface Area $6a^2 = 6(5k)^2 = 150k^2 = 225z = 225(2k) = 450k$.

=> 150k = 450 => k = 3. Therefore, z = 2k = 2 × 3 = 6.

Therefore The correct answer is 6.

Alternate Method

Given: L_Q = 0.75 L_P, H_P = 1.2 H_Q, B_P − B_Q = z, V_P : V_Q = 8 : 3, Cube Area = 225z, Side = B_P.

=> V_P / V_Q = (L_P × B_P × H_P) / (L_Q × B_Q × H_Q) = 8/3

=> (L_P × B_P × 1.2H_Q) / (0.75L_P × B_Q × H_Q) = 8/3

=> (1.2 × B_P) / (0.75 × B_Q) = 8/3

=> B_P / B_Q = (8 × 0.75) / (3 × 1.2) = 6 / 3.6 = 5 / 3

=> Let B_P = 5k and B_Q = 3k. Then z = 5k − 3k = 2k

=> Surface Area of Cube = 6 × $(Side)^2$ = 6 × $(B_P)^2$ = 6 × $(5k)^2$ = $150k^2$

=> $150k^2 = 225z$ => $150k^2 = 225(2k) = 450k$

=> 150k = 450 => k = 3

=> z = 2k = 2 × 3 = 6

Therefore The correct answer is 6.

Additional Information

Volume of a Cuboid

The volume of a cuboid is given by the formula V = Length × Breadth × Height.

Surface Area of a Cube

The total surface area of a cube with side 'a' is $6a^2$. If the lateral surface area is mentioned, it is $4a^2$.

Percentage and Ratio Conversion

75% is equivalent to 3/4 and 20% more is equivalent to a multiplier of 1.2 or 6/5.

Q54. Answer: (e) Quantity I ≥ Quantity II > Quantity III.

Given:
The first quadratic equation is $x^2 - Px + 32 = 0$.
One root is 4 and the other root is 4A.
=> Product of roots = 4 × 4A = 32
=> 16A = 32
=> A = 2
The other root is 4A = 4 × 2 = 8.
=> Sum of roots = P = 4 + 8 = 12
Therefore P = 12 and A = 2
Now, from the second equation:
2 × cube root of Y = Square root of Y
Let u = Y^((1/6)), then:
=> $2u^2 = u^3$
=> $u^2(u - 2) = 0$
=> u = 0 or u = 2
If u = 2 => Y = 2^6 = 64
If u = 0 => Y = 0
Calculations for Quantities:
For Quantity I:
Equation is $Z^2 - KZ + 990 = 0$, where K = 5P + 3.
=> K = 5(12) + 3 = 63
So, the equation becomes $Z^2 - 63Z + 990 = 0$.
Let the roots be a and b:
Sum of roots (a + b) = 63
Product of roots (a × b) = 990
Finding factors of 990 that add up to 63: 33 × 30 = 990 and 33 + 30 = 63.
=> The roots are 33 and 30.
Taking a as the larger root, a = 33.
=> Quantity I = 2a = 2 × 33 = 66
For Quantity II:
Quantity II = Value of Y + A
Case 1: If Y = 64
=> Quantity II = 64 + 2 = 66
Case 2: If Y = 0
=> Quantity II = 0 + 2 = 2
For Quantity III:
Quantity III = Value of (Y + 2) - Highest root of the given equation (Z2 - 63Z + 990 = 0)
The highest root of the equation is 33.
Case 1: If Y = 64
=> Quantity III = (64 + 2) - 33 = 66 - 33 = 33
Case 2: If Y = 0
=> Quantity III = (0 + 2) - 33 = -31
Conclusion:
Comparing the values:
If Y = 64 => Quantity I (66) = Quantity II (66) > Quantity III (33)
If Y = 0 => Quantity I (66) > Quantity II (2) > Quantity III (-31)
Therefore Quantity I ≥ Quantity II > Quantity III

Q55. Answer: (a) 36

Common Calculation
Percentage distribution of number of students who like Tea, Coffee, Milk and only coffee is 35%, 30%, 40% and 20% respectively.

YourMockTest.com — Free Study Material

Let the Venn regions be:
Tea only = a
Coffee only = given = 40
Milk only = b
Tea & Milk only = x
Tea & Coffee only = y
Coffee & Milk only = z
None (like no drink) = n
(There are no students who like all three.)
Given percentages → absolute counts (out of 200):
Tea total = 35% of 200 = 70
Coffee total = 30% of 200 = 60
Milk total = 40% of 200 = 80
Only coffee = 40
Given relations:
n=2 × (Tea & Milk only) = 2x
n= (Tea & Coffee only) + 20 = y + 20
From coffee total: 40 + y + z = 60
=> y + z = 20
From tea total: a + x + y = 70
=> a = 70 – x − y
From milk total: b + x + z = 80
=> b = 80 – x − z
Total students: a + 40 + b + x + y + z + n = 200
Solving this system gives a unique integer solution.
Tea only (a) = 60
Coffee only = 40 (given)
Milk only (b) = 50
Tea & Milk only (x) = 10
Tea & Coffee only (y) = 0
Coffee & Milk only (z) = 20
None (n) = 20
Calculation
Number of girls students who like only Tea is 60 × 60 / 100 = 36

Q56. Answer: (a) 0

Common Calculation
Percentage distribution of number of students who like Tea, Coffee, Milk and only coffee is 35%, 30%, 40% and 20% respectively.
Let the Venn regions be:
Tea only = a
Coffee only = given = 40
Milk only = b
Tea & Milk only = x
Tea & Coffee only = y
Coffee & Milk only = z
None (like no drink) = n
(There are no students who like all three.)
Given percentages → absolute counts (out of 200):
Tea total = 35% of 200 = 70
Coffee total = 30% of 200 = 60
Milk total = 40% of 200 = 80
Only coffee = 40

Given relations:
n=2 × (Tea & Milk only) = 2x
n= (Tea & Coffee only) + 20 = y + 20
From coffee total: 40 + y + z = 60
=> y + z = 20
From tea total: a + x + y = 70
=> a = 70 – x − y
From milk total: b + x + z = 80
=> b = 80 – x − z
Total students: a + 40 + b + x + y + z + n = 200
Solving this system gives a unique integer solution.
Tea only (a) = 60
Coffee only = 40 (given)
Milk only (b) = 50
Tea & Milk only (x) = 10
Tea & Coffee only (y) = 0
Coffee & Milk only (z) = 20
None (n) = 20
Calculation
Required percentage = [0/20] × 100 = 0

Q57. Answer: (b) 6:5

Common Calculation
Percentage distribution of number of students who like Tea, Coffee, Milk and only coffee is 35%, 30%, 40% and 20% respectively.
Let the Venn regions be:
Tea only = a
Coffee only = given = 40
Milk only = b
Tea & Milk only = x
Tea & Coffee only = y
Coffee & Milk only = z
None (like no drink) = n
(There are no students who like all three.)
Given percentages → absolute counts (out of 200):
Tea total = 35% of 200 = 70
Coffee total = 30% of 200 = 60
Milk total = 40% of 200 = 80
Only coffee = 40
Given relations:
n=2 × (Tea & Milk only) = 2x
n= (Tea & Coffee only) + 20 = y + 20
From coffee total: 40 + y + z = 60
=> y + z = 20
From tea total: a + x + y = 70
=> a = 70 – x − y
From milk total: b + x + z = 80
=> b = 80 – x − z
Total students: a + 40 + b + x + y + z + n = 200
Solving this system gives a unique integer solution.
Tea only (a) = 60
Coffee only = 40 (given)
Milk only (b) = 50

Tea & Milk only (x) = 10

Tea & Coffee only (y) = 0

Coffee & Milk only (z) = 20

None (n) = 20

Calculation

Required ratio = 60 : 50 = 6:5

Q58. Answer: (e) 22

Shortcut Trick

For Boat P: Total Time = D/15 + D/12 = 27 hours.

LCM(15, 12) = 60 => (4D + 5D)/60 = 27 => 9D/60 = 27 => Distance (D) = 180 km.

For Boat Q: Total Time = 180/18 + 180/15.

Total Time = 10 + 12 = 22 hours.

Therefore The correct answer is 22 hours.

Alternate Method

Given: Downstream speed of P (D_p) = 15 km/hr, Upstream speed of P (U_p) = 12 km/hr, Total time for P = 27 hours. Downstream speed of Q (D_q) = 18 km/hr, Upstream speed of Q (U_q) = 15 km/hr.

Formula Used: Distance = Speed × Time | Total Time = (Distance ÷ Downstream Speed) + (Distance ÷ Upstream Speed)

Calculations:

=> Let the distance be x km.

=> For boat P: (x ÷ 15) + (x ÷ 12) = 27

=> (4x + 5x) ÷ 60 = 27

=> 9x ÷ 60 = 27

=> 9x = 27 × 60

=> x = 3 × 60 = 180 km

=> For boat Q, distance is 180 km.

=> Time taken downstream = 180 ÷ 18 = 10 hours

=> Time taken upstream = 180 ÷ 15 = 12 hours

=> Total time for Q = 10 + 12 = 22 hours

Therefore The correct answer is 22 hours.

Additional Information

Speed in Still Water and Stream

Speed of Boat (B) = (Downstream + Upstream) ÷ 2. Speed of Stream (S) = (Downstream − Upstream) ÷ 2.

Average Speed of Boat

When a boat covers equal distance upstream and downstream, Average Speed = (2 × U × D) ÷ (U + D), where U = Upstream and D = Downstream speeds.

Relative Speed in Water

Downstream speed = Speed of boat + Speed of current. Upstream speed = Speed of boat − Speed of current.

Q59. Answer: (a) 512

Calculation

1st term is x0 = 1 [x>1] [20 = 1, 30 = 1 ….]

2nd term is smallest even prime number is 2.

3rd term of the series is cube of second term, so 3rd term of series = 23 = 8

The square root of 4th term of the series is equals to third term of series. So, 4th term of the series is 64.

The square root of the 5th term of the series is 25.

So, 5th term of the series is 32 × 32 = 1024

So, series is 1, 2, 8, 64, 1024,

1 × 2 = 2, 2 × 22 = 8, …….6th term = 1024 × 25

Calculation

So, required value = [1024 × 25] / 64 = 512

Q60. Answer: (e) 128

Calculation

1st term is x0 = 1 [x>1] [20 = 1, 30 = 1 ….]

2nd term is smallest even prime number is 2.

3rd term of the series is cube of second term, so 3rd term of series = 23 = 8

The square root of 4th term of the series is equals to third term of series. So, 4th term of the series is 64.

The square root of the 5th term of the series is 25.

So, 5th term of the series is 32 × 32 = 1024

So, series is 1, 2, 8, 64, 1024,

1 × 2 = 2, 2 × 22 = 8, …….6th term = 1024 × 25

Calculation

So, required difference = [5/8] × 1024 - 83 = 640 - 512 = 128

Q61. Answer: (a) Only I true

Calculation

1st term is x0 = 1 [x>1] [20 = 1, 30 = 1 ….]

2nd term is smallest even prime number is 2.

3rd term of the series is cube of second term, so 3rd term of series = 23 = 8

The square root of 4th term of the series is equals to third term of series. So, 4th term of the series is 64.

The square root of the 5th term of the series is 25.

So, 5th term of the series is 32 × 32 = 1024

So, series is 1, 2, 8, 64, 1024,

1 × 2 = 2, 2 × 22 = 8, …….6th term = 1024 × 25

Calculation

Sum is 1024 + 1 = 1025

So, Multiply of 5.

Sum of digit is 1+0+2+5=8

So, it is wrong.

It is not perfect square.

Q62. Answer: (c) 45

Shortcut Trick

Days ratio: P = 75, Q = 75(1 + 2x/100), R = 75(1 + 2x/100)(1 + x/100).

Given R = P + Q => 75(1 + 2x/100)(1 + x/100) = 75 + 75(1 + 2x/100).

Let (1 + 2x/100) = k, then k(1 + x/100) = 1 + k. On solving for x = 50%.

Days: P = 75, Q = 75 × 2 = 150, R = 150 × 1.5 = 225.

Required time = 50% × (Q × R) ÷ (Q + R) = 0.5 × (150 × 225) ÷ 375 = 45 days.

Therefore The correct answer is 45 days.

Alternate Method

Given: Time taken by P = 75 days. Let x/100 = a.

Formula Used: Time taken = Total Work ÷ Efficiency.

Time for Q = 75(1 + 2a)

Time for R = 75(1 + 2a)(1 + a)

According to the question: R = P + Q

=> 75(1 + 2a)(1 + a) = 75 + 75(1 + 2a)

=> (1 + 2a)(1 + a) = 1 + 1 + 2a

=> $1 + a + 2a + 2a^2 = 2 + 2a$

=> $2a^2 + a - 1 = 0$

=> (2a − 1)(a + 1) = 0 => a = 1/2 (as time cannot be negative)

=> x/100 = 0.5 => x = 50

Person	Days	Total Work	Efficiency

Q	150	450	3
R	225	2	

=> 50% of Total Work = 450 × 0.5 = 225 units

=> Combined Efficiency of Q and R = 3 + 2 = 5 units/day

=> Time taken = 225 ÷ 5 = 45 days

Therefore The correct answer is 45 days.

Additional Information

Work and Time Inverse Relation

Efficiency is inversely proportional to the time taken to complete the work. Efficiency = Work / Time.

Combined Work Formula

If two people take A and B days respectively, time taken together is (A × B) / (A + B) days.

Percentage Increase in Time

If time increases by r%, New Time = Old Time × (1 + r/100).

Q63. Answer: (e) Only I and III

Common Calculation

Let Set M = {m, m+2, m+4, m+6}. Since the HCF of the smallest numbers of both sets is 6, m must be divisible by 6. Also, the 2nd lowest of M must be a single digit => m+2 ≤ 9. Thus m = 6. So M = {6, 8, 10, 12}.

2. Let Set N = {7n, 7(n+1), 7(n+2), 7(n+3)}. The gcd(smallest of M=6, smallest of N=7n)=6 => n must be a multiple of 6. So smallest of N = 42k, with k an integer.

3. One element of N must be a perfect square. This condition allows many possibilities for k, but the smallest valid solution occurs at k=1, giving N = {42, 49, 56, 63} (49 is 7^2).

Calculation

Evaluation of Statements (for k=1)

I. Largest of N = 63, which is divisible by 9 => True.

II. Smallest of M = 6, 2nd smallest of N = 49. Difference = 49 - 6 = 43, which is prime => False.

III. Sum of N = 42 + 49 + 56 + 63 = 210, which is less than 250 => True.

Q64. Answer: (b) 66

Common Calculation

Let Set M = {m, m+2, m+4, m+6}. Since the HCF of the smallest numbers of both sets is 6, m must be divisible by 6. Also, the 2nd lowest of M must be a single digit => m+2 ≤ 9. Thus m = 6. So M = {6, 8, 10, 12}.

2. Let Set N = {7n, 7(n+1), 7(n+2), 7(n+3)}. The gcd(smallest of M=6, smallest of N=7n)=6 => n must be a multiple of 6. So smallest of N = 42k, with k an integer.

3. One element of N must be a perfect square. This condition allows many possibilities for k, but the smallest valid solution occurs at k=1, giving N = {42, 49, 56, 63} (49 is 7^2).

Calculation

Second Largest Numbers

• Set M = {6, 8, 10, 12} => 2nd largest = 10.

• Set N (for k=1) = {42, 49, 56, 63} => 2nd largest = 56.

So, Sum is = 56 +10 = 66

Q65. Answer: (e) All Possible

Common Calculation

1. Let sizes be p, q, r for sets P, Q, R. Given p = q - 1 and q = r + 1 => p = r. Total elements p + q + r = 13 => 3p + 1 = 13 => p = 4. So |P| = 4, |Q| = 5, |R| = 4.

2. For set P: smallest × largest = 27 => possibilities (1,27) or (3,9). Since R uses 1 as smallest, P must use (3,9).

3. For set Q: product = 27 + 58 = 85 => possibilities (1,85) or (5,17). Smallest cannot be 1 (already in R), so Q uses (5,17).

4. For set R: product = 23 => (1,23). So R has {1, ..., 23} with two primes only.

Calculation

Possible products in Q

All three values are possible:

• Example for 70: Q = {5, 7, 14, 16, 17} => 5 × 14 = 70

• Example for 72: Q = {5, 6, 12, 13, 17} => 6 × 12 = 72

• Example for 120: Q = {5, 10, 12, 14, 17} => 10 × 12 = 120

Answer: i), ii), and iii) — all possible.

Q66. Answer: (b) 65

Common Calculation

1. Let sizes be p, q, r for sets P, Q, R. Given p = q - 1 and q = r + 1 => p = r. Total elements p + q + r = 13 => 3p + 1 = 13 => p = 4. So |P| = 4, |Q| = 5, |R| = 4.

2. For set P: smallest × largest = 27 => possibilities (1,27) or (3,9). Since R uses 1 as smallest, P must use (3,9).

3. For set Q: product = 27 + 58 = 85 => possibilities (1,85) or (5,17). Smallest cannot be 1 (already in R), so Q uses (5,17).

4. For set R: product = 23 => (1,23). So R has {1, ..., 23} with two primes only.

Calculation

Maximum sum of set R

R = {1, a, b, 23} with exactly two primes. Since 23 is prime, only one among a and b can be prime. Choose the largest available prime (19) and the largest composite (22).

Sum = 1 + 19 + 22 + 23 = 65.

Q67. Answer: (c) 5

Common Calculation

1. Let sizes be p, q, r for sets P, Q, R. Given p = q - 1 and q = r + 1 => p = r. Total elements p + q + r = 13 => 3p + 1 = 13 => p = 4. So |P| = 4, |Q| = 5, |R| = 4.

2. For set P: smallest × largest = 27 => possibilities (1,27) or (3,9). Since R uses 1 as smallest, P must use (3,9).

3. For set Q: product = 27 + 58 = 85 => possibilities (1,85) or (5,17). Smallest cannot be 1 (already in R), so Q uses (5,17).

4. For set R: product = 23 => (1,23). So R has {1, ..., 23} with two primes only.

Calculation

Set P has {3, ..., 9}. The 2nd smallest must be just above 3. If 2nd smallest = 4, difference = 9 - 4 = 5.

Answer: 5.

Q68. Answer: (e) Only I

Common Calculation

1. Let sizes be p, q, r for sets P, Q, R. Given p = q - 1 and q = r + 1 => p = r. Total elements p + q + r = 13 => 3p + 1 = 13 => p = 4. So |P| = 4, |Q| = 5, |R| = 4.

2. For set P: smallest × largest = 27 => possibilities (1,27) or (3,9). Since R uses 1 as smallest, P must use (3,9).

3. For set Q: product = 27 + 58 = 85 => possibilities (1,85) or (5,17). Smallest cannot be 1 (already in R), so Q uses (5,17).

4. For set R: product = 23 => (1,23). So R has {1, ..., 23} with two primes only.

Calculation

(I) The root of equation x2 - 18x + 81 = 0

(II) 162 – 82

(III) Cube of smallest prime number

Smallest(P) = 3, Smallest(Q) = 5, Smallest(R) = 1.

Sum = 3 + 5 + 1 = 9.

Options:

(I) Root of x^2 - 18x + 81 = 0 => root = 9.

(II) 162 – 82 = 80.

(III) Cube of smallest prime = 8.

Q69. Answer: (b) 1/12

Shortcut Trick

Let Total Marbles be T. Probability of Yellow is p => Yellow = p × T.

Purple marbles = 1/4 of T = 0.25T. Remaining Orange = T − pT − 0.25T.

When half of Orange (0.5 × Orange) is removed, new Total = T − 0.5 × Orange.

New Prob = Yellow / New Total = pT / (T − 0.5(T − pT − 0.25T)) = 1.5p.

Solving 1 / (1 − 0.5 + 0.5p + 0.125) = 1.5 => 1 / (0.625 + 0.5p) = 1.5 => 1 = 0.9375 + 0.75p => 0.0625 = 0.75p => p = 1/12.

Therefore The correct answer is 1/12.

Alternate Method

Given: P(Yellow) = p, P(Purple) = 1/4 = 0.25.

Let Total Marbles = T. Then Yellow = pT, Purple = 0.25T, Orange = O.

=> T = pT + 0.25T + O => O = 0.75T − pT.

New Total after removing O/2 = T − O/2 = T − (0.75T − pT)/2.

=> New Total = T − 0.375T + 0.5pT = 0.625T + 0.5pT.

New P(Yellow) = (pT) / (0.625T + 0.5pT) = 1.5p.

=> 1 / (0.625 + 0.5p) = 1.5.

=> 1 = 1.5 × (0.625 + 0.5p) => 1 = 0.9375 + 0.75p.

=> 0.75p = 0.0625 => p = 625 / 7500 = 1/12.

Therefore The correct answer is 1/12.

Additional Information

Definition of Probability

Probability of an event E is P(E) = (Number of favorable outcomes) ÷ (Total number of outcomes).

Sum of Probabilities

The sum of probabilities of all mutually exclusive and exhaustive events in a sample space is always 1.

Effect of Removing Items

When items are removed, both the count of that specific category and the Total Count change, affecting the probability of all other categories.

Q70. Answer: (d) 30

Shortcut Trick

Total Initial Quantity = 150 litres. Final Quantity of honey = 150 − 88.56 = 61.44 litres.

Using the formula: Final Qty / Initial Qty = $(1 - Z/Total)^n$, where n = 4 (total operations).

61.44 / 150 = (1 − Z/150)^4 => 6144 / 15000 = (1 − Z/150)^4 => 256 / 625 = (1 − Z/150)^4.

Taking 4^(th) root: 4 / 5 = 1 − Z / 150 => Z / 150 = 1/5 => Z = 30.

Therefore The correct answer is 30 litres.

Alternate Method

Given: Total initial honey = 150 litres. Honey reduced by = 88.56 litres. Total process done = 1 + 3 = 4 times.

Formula Used: Final Quantity = Initial Quantity × $(1 - Z/V)^n$

=> Honey left = 150 − 88.56 = 61.44 litres

=> 61.44 = 150 × (1 − Z/150)^4

=> 61.44 / 150 = (1 − Z/150)^4

=> 6144 / 15000 = (1 − Z/150)^4

=> 256 / 625 = (1 − Z/150)^4

=> (4 / 5)^4 = (1 − Z/150)^4

=> 4 / 5 = 1 − Z / 150

=> Z / 150 = 1 − 4 / 5 = 1 / 5

=> Z = 150 / 5 = 30

Therefore The correct answer is 30 litres.

Additional Information

Mixture Replacement Formula

For n repeated replacements, Remaining Qty = Initial Qty × $(1 - Outgoing/Total)^n$.

Ratio Method for Mixtures

If 1/k of the mixture is replaced with water, the concentration of the original liquid becomes $(1 - 1/k)^n$ times the original.

Successive Percentage Change

This process is an application of successive percentage decrease, similar to reducing a value by x% repeatedly.

Q71. Answer: (c) Operation Brahma

The correct answer is Operation Brahma.

In News

• India launched 'Operation Brahma' to assist Myanmar after the 7.7 magnitude earthquake in March 2025.

Key Points

• A 7.7 magnitude earthquake struck Myanmar on 28 March 2025, causing extensive casualties and infrastructure damage.

• Government of India launched dedicated HADR mission named Operation Brahma to support quake-hit areas.

• National Disaster Response Force teams and Indian Army field hospital units deployed for rescue and medical support.

• Indian Air Force C-130J and C-17 aircraft airlifted personnel, medical equipment, and relief material to Nay Pyi Taw and Yangon.

• Specialized medical task forces delivered trauma care, emergency surgeries, and essential health services to civilians.

• Indian Navy ships sailed with relief consignments, reinforcing India's Neighbourhood First and HADR commitment.

• Ministry of External Affairs coordinated multi-agency response with Integrated Defence Staff, NDRF, Army, Air Force, and Navy.

Additional Information

• HADR operations involve rapid deployment of military and civilian assets for humanitarian assistance and disaster relief.

• India conducted previous HADR missions like Operation Maitri for Nepal earthquake 2015 and Operation Dost for Türkiye-Syria earthquake 2023.

• MEA acts as nodal body coordinating with foreign governments during overseas disaster relief efforts.

• Such operations deepen strategic and people-to-people ties with neighbouring countries beyond immediate relief.

Q72. Answer: (e) Venezuela

The correct answer is Venezuela.

In News

• BRICS identified new "partner countries" as part of expansion and Global South outreach strategy.

Key Points

• BRICS leaders at Kazan summit approved partner countries: Belarus, Bolivia, Cuba, Indonesia, Kazakhstan, Malaysia, Thailand, Uganda, Uzbekistan from 1 January 2025.

• Extended invitees included Algeria, Nigeria, Türkiye, and Vietnam for potential partner status consideration.

• Venezuela did not feature in final partner country list despite interest, due to internal discussions and veto concerns.

• Partner-country mechanism enables closer economic-political engagement without core membership expansion.

• Partner countries significantly boost BRICS' global GDP, population, and commodity resources share.

• Initiative underscores BRICS' role as major Global South voice in international governance forums.

• Kazan Declaration formalised partner country concept and future engagement criteria.

Additional Information

• BRICS originally comprised Brazil, Russia, India, China, South Africa; now includes additional full members.

• Partner status serves as stepping stone toward deeper BRICS institutional-financial cooperation.

• Expansion reflects geopolitical shifts as emerging economies seek alternatives to Western-led institutions.

• BRICS mechanisms include New Development Bank and Contingent Reserve Arrangement.

Q73. Answer: (b) Rs 9.52 lakh crore

The correct answer is Rs 9.52 lakh crore.

In News

• Government reported sharp increase in domestic electronic goods production under PLI and electronics policies.

Key Points

• Electronics Component Manufacturing Scheme expanded India's electronics manufacturing base significantly.

• Domestic production grew from Rs 1.90 lakh crore in FY 2014-15 to Rs 9.52 lakh crore in FY 2023-24.

• Growth reflects compound annual growth rate exceeding 17% over the period.

• Electronic goods exports rose from Rs 0.38 lakh crore in FY 2014-15 to Rs 2.41 lakh crore in FY 2023-24.

• Government targets enhanced value addition, reducing import dependence on PCBs, display modules, passive components.

• New PLI incentives expected to attract investments and generate direct-indirect employment in electronics.

• Industry projects combined domestic-export electronics market reaching USD 400 billion by 2030.

Additional Information

• PLI schemes provide output-linked incentives for achieving production-investment thresholds.

• Ministry of Electronics & IT (MeitY) nodal ministry for electronics manufacturing schemes.

• India emerging major hub for mobile phone manufacturing within electronics value chain.

• Component manufacturing critical for localisation and better high-tech trade balances.

Q74. Answer: (b) Nagaraju Maddirala, Secretary DFS

The correct answer is Nagaraju Maddirala, Secretary DFS.

In News

• The government set up the Inter-Ministerial-Industry Committee on Fintech chaired by Nagaraju Maddirala in March 2025.

Key Points

• Nagaraju Maddirala, Secretary of the Department of Financial Services, was appointed as Chairman of IMICF to oversee the fintech regulatory framework.

• The committee examines the impact of fintech innovations on banking, payments, lending, insurance, and capital markets comprehensively.

• IMICF identifies regulatory gaps, data privacy concerns, cybersecurity risks, and consumer protection challenges in digital finance.

• Mandate includes studying global best practices from jurisdictions like Singapore, UK, EU for balanced fintech regulation.

• Composition features senior officials from RBI, SEBI, IRDAI, MeitY, and leading fintech industry representatives.

• Committee develops long-term strategy promoting innovation while ensuring financial stability and customer safeguards.

• Recommendations expected to shape India's Digital India, UPI ecosystem, and open banking architecture evolution.

Additional Information

• Department of Financial Services oversees Public Sector Banks, Insurance Companies, and Pension Funds regulation.

• The fintech ecosystem valuation exceeded USD 100 billion with 10,000+ registered entities in India.

• IMICF addresses regulatory sandbox expansion, cross-border data flows, AI governance in finance.

• Secretary DFS coordinates with the Financial Stability Development Council on systemic risk matters.

Q75. Answer: (c) Yudh Abhyas

The correct answer is Yudh Abhyas.

In News

• 20th edition India-US joint military exercise held in Rajasthan's Mahajan sector September 2024.

Key Points

• Bilateral exercise was the 20th edition of Indo-US Army exercise "Yudh Abhyas" at Mahajan Field Firing Range, Bikaner.

• 600 soldiers each participated, making it one of the largest joint drills between countries.

• Focused improving interoperability in high-intensity operations, counter-terrorism, UN peacekeeping scenarios.

• Advanced weapon systems showcased: US HIMARS rocket system, India's modern platforms.

• Previous editions held in Alaska (2023), Auli Uttarakhand (2022), diverse terrains.

• Exercise strengthened defence cooperation, strategic partnership amid evolving security challenges.

• Mahajan range under South Western Command provides realistic live-fire manoeuvre training.

Additional Information

• Yudh Abhyas annual army-to-army exercise alternately hosted by India-US.

• Vajra Prahar focuses special forces; Yudh Abhyas involves larger conventional formations.

• Field firing ranges provide realistic conditions for live-fire manoeuvre training.

• Joint exercises standardise procedures, improve multinational operations response.

Q76. Answer: (c) UNDP

The correct answer is UNDP.

In News

• Ministry of Health launched the Zoowin Portal co-developed with UNDP for zoonotic disease monitoring in March 2025.

Key Points

• United Nations Development Programme (UNDP) partnered with the Ministry of Health and Family Welfare to co-develop the Zoowin Portal for integrated zoonoses surveillance.

• Portal connects human health, animal health, and wildlife departments through a real-time data sharing platform.

• Enables early detection of emerging zoonotic threats like avian influenza, Nipah virus, monkeypox outbreaks.

• Features AI-driven analytics, geospatial mapping, risk prediction models for One Health approach implementation.

• Supports National Centre for Disease Control, ICMR, Animal Husbandry departments with interoperable dashboards.

• Strengthens India's preparedness following COVID-19 lessons on zoonotic spillover prevention.

• Portal facilitates cross-sectoral coordination essential for antimicrobial resistance surveillance too.

Additional Information

• One Health approach integrates human, animal, and environmental health for pandemic prevention.
• Zoonotic diseases constitute 75% emerging infectious diseases including Ebola, SARS, COVID-19.
• UNDP supports India's digital health transformation through various development partnerships.
• National Action Plan for Prevention-Control Zoonoses guides India's multi-sectoral response.
• UNDP
• Established in - 1965
• HQ - New York

Q77. Answer: (e) 1 and 2 only

The correct answer is 1 and 2 only.

In News

• In April 2025, the State Bank of India (SBI) released a report titled “The PMMY: A Decade of Audacious Dreams: Bolder, Bigger and Indeed Beautiful” marking 10 years of Pradhan Mantri Mudra Yojana (PMMY).

Key Points

• Bihar has the highest number of PMMY women entrepreneurs at 4.2 crore, followed by Tamil Nadu (4.0 crore) and West Bengal (3.7 crore).
• Maharashtra has the largest share of women account holders (79%), followed by Jharkhand (75%) and West Bengal (73%).
• Out of 52 crore MUDRA accounts opened over the past decade: 78% are Shishu, 20% are Kishor, and 2% are Tarun/Tarun Plus.
• The share of MUDRA loans in Bihar, Uttar Pradesh, Odisha, and North-east has significantly increased, indicating improved financial inclusion.

Additional Information

• Pradhan Mantri Mudra Yojana (PMMY)
• Launched in 2015 to provide microfinance to non-corporate small businesses.
• Offers three categories of loans: Shishu (up to Rs. 50,000), Kishor (Rs. 50,001–Rs. 5 lakh), and Tarun (Rs. 5 lakh–Rs. 10 lakh).
• SBI Research Findings (2025)
• Reported a shift towards more inclusive credit access across underbanked regions.
• Highlighted the pivotal role of women entrepreneurs in PMMY’s success story.
• Women in PMMY
• Women make up a significant portion of MUDRA borrowers, especially in states like Bihar, Tamil Nadu, and West Bengal.

Q78. Answer: (d) Rs 1 lakh crore

The correct answer is Rs 1 lakh crore.

In News

• Budget 2025-26 announced the Rs 1 lakh crore Urban Challenge Fund for cities as growth hubs.

Key Points

• Finance Minister proposed Rs 1 lakh crore Urban Challenge Fund financing up to 25% cost of eligible bankable city projects.
• Fund supports "Cities as Growth Hubs", creative redevelopment initiatives, and water-sanitation infrastructure development.
• Minimum 50% project cost raised through municipal bonds, bank loans, public-private partnerships ensuring market discipline.
• Initial Rs 10,000 crore allocation made for FY 2025-26 to operationalise fund immediately.
• Incentivises urban local bodies to undertake governance reforms, improve creditworthiness for market borrowings.
• Strategy positions Indian cities as engines of economic growth, employment generation, innovation hubs.
• Complements AMRUT, Smart Cities Mission focusing on sustainable urban transformation.

Additional Information

• Urban Challenge Fund encourages competitive reform-oriented behaviour among cities.
• Municipal bonds issued by creditworthy cities like Indore, Bhopal gaining investor confidence.
• PPP models leverage private sector efficiency for urban infrastructure delivery.
• Water-sanitation investments contribute directly to SDG 6 and urban livability.

Q79. Answer: (d) 4 nominees

The correct answer is 4 nominees.

In News

• Banking Laws Amendment allows up to 4 nominees for deposit accounts from November 1, 2025.

YourMockTest.com – Free Study Material

Key Points

• Amended provisions effective 1 November 2025 permit up to 4 nominees for bank deposits including fixed deposits, savings accounts.

• Nominations are made simultaneously with specified percentage shares or successively with priority order.

• Simultaneous nominations require total shares of all nominees equalling 100% claim amount precisely.

• Successive nominations activate next nominee only if previous nominee unable or unwilling to claim.

• Revised framework speeds claim settlement, reduces disputes through clearer succession arrangements.

• Banks updating systems, forms capturing multiple nominees and respective percentage entitlements.

• Applies uniformly to deposits, safe custody articles, safe deposit lockers uniformly.

Additional Information

• Nomination simplifies settlement but doesn't override legal succession rights under personal laws.

• Customers modify/cancel nominations submitting fresh forms during lifetime.

• Multiple nominees reduce concentration risk, potential conflicts among legal heirs.

• Clear nomination records enable faster claim processing without extensive documentation.

Q80. Answer: (e) Rs 23

The correct answer is Rs 23.

In News

• RBI capped ATM transaction fees at Rs 23 beyond free usage limits from May 1, 2025.

Key Points

• RBI circular 28 March 2025 revised ceiling for ATM cash withdrawal charges beyond free transactions to Rs 23 plus taxes.

• Cap applies uniformly to transactions at bank ATMs and white-label ATM operators nationwide.

• Free usage framework maintained: minimum 5 own-bank ATM transactions, 3-5 other-bank ATMs monthly.

• Banks free to charge lower fees based on customer relationships, pricing strategies flexibly.

• RBI periodically reviews charges balancing operator cost recovery with customer protection imperatives.

• Circular mandates transparent charge disclosure in statements, ATM screens for customer awareness.

• Non-financial transactions like balance enquiry attract separate lower fee structure.

Additional Information

• ATM regulations under RBI Payment Settlement Systems oversight framework.

• White-label ATMs operated by non-bank entities authorised by RBI specifically.

• Customer awareness prevents unexpected charges, reduces banking grievances effectively.

• UPI transactions complement ATM ecosystem reducing physical cash dependency.

• RBI

• Established in - 1935

• HQ - Mumbai

• Governor - Sanjay Malhotra

Q81. Answer: (e) Foreign Exchange Dealers Association

The correct answer is Foreign Exchange Dealers Association.

In News

• PSL guidelines specify applicable banking entities excluding non-bank associations.

Key Points

• PSL mandatory for Scheduled Commercial Banks including public, private sector, Regional Rural Banks.

• Small Finance Banks maintain higher PSL targets reflecting their inclusive banking mandate.

• Local Area Banks and Primary Urban Cooperative Banks (except Salary Earners') covered under PSL.

• Foreign Exchange Dealers Association not a banking entity hence excluded from PSL requirements.

• Targets expressed as a percentage of Adjusted Net Bank Credit or Credit Equivalent Off-Balance Sheet Exposures.

• Shortfall banks contribute to Rural Infrastructure Development Fund or other penalty mechanisms.

• PSL ensures credit flow to underserved agriculture, MSME, education, housing, export sectors.

Additional Information

• Major categories: agriculture 18%, MSE 7.5%, weaker sections 12% of ANBC.

• RBI revises guidelines adding startups, health infrastructure as eligible PSL.

YourMockTest.com – Free Study Material

• Co-lending models enable banks-NBFCs joint PSL financing arrangements.
• Priority Sector Lending Certificates traded for surplus/shortfall management.
• RBI
• Established in - 1935
• HQ - Mumbai
• Governor - Sanjay Malhotra

Q82. Answer: (b) Applied

The correct answer is Applied.

In News

• NITI Aayog-NCAER launched States Economic Forum portal on 1 April 2025.

Key Points

• NCAER expands to the National Council of Applied Economic Research, India's oldest economic think tank.
• 'A' stands for Applied emphasising practical economic research for policymaking.
• Portal provides states with interactive dashboards, benchmarking tools, reform recommendations.
• Supports cooperative-competitive federalism through comparable economic performance metrics.
• NCAER conducts surveys on agriculture, industry, households, macroeconomic indicators.
• Forum helps states identify growth opportunities, fiscal management improvements.
• NITI Aayog coordinates Centre-state economic policy interactions through platform.

Additional Information

• NCAER was established in 1956 as an independent non-profit research institution.
• HQ - New Delhi
• Headquarters located New Delhi conducting pan-India economic surveys.
• NITI Aayog succeeded the Planning Commission in 2015 as premier policy think tank.
• State-level economic forums promote evidence-based policymaking regionally.

Q83. Answer: (b) Department of Agriculture & Farmers' Welfare

The correct answer is Department of Agriculture & Farmers' Welfare.

In News

• Department of Agriculture & Farmers' Welfare launched the Krishi-DSS platform August 2024.

Key Points

• Department of Agriculture & Farmers' Welfare leads Krishi-DSS integrating multi-source agricultural data.
• Platform delivers actionable advisories to farmers, extension workers, and state agriculture departments.
• Decision-support covers crop health monitoring, yield forecasts, and drought-excess rainfall risk alerts.
• Aligns Digital Agriculture Mission using AI/ML for precision farming recommendations.
• Reduces information asymmetry improving farm-level climate resilience significantly.
• Complements e-NAM, agri-weather advisories, soil health card digital ecosystem.
• Real-time satellite data enables near-instant crop condition assessment across districts.

Additional Information

• DA&FW responsible agricultural policy, schemes, farmer welfare implementation.
• Decision Support Systems employ models, analytics aiding complex agricultural decisions.
• Digital agriculture key strategy increasing productivity, sustainability.
• Remote sensing provides near-real-time crop condition monitoring capabilities.

Q84. Answer: (c) Joint ventures and subsidiaries/affiliates

The correct answer is Joint ventures and subsidiaries/affiliates.

In News

• NBFC/HFC fraud reporting for group joint ventures and subsidiaries.

Key Points

• NBFCs must report frauds in joint ventures, subsidiaries, and affiliates to the RBI via fraud monitoring returns within 14 days.
• HFCs report to the National Housing Bank in the prescribed format for incidents.
• Theft, burglary, dacoity, and robbery reported to RBI Fraud Monitoring Group within 7 days.
• Immediate reporting to law enforcement via nodal officer mandatory.

YourMockTest.com — Free Study Material

• Overseas branches report to host country authorities; parents report overseas group frauds to RBI.
• Applies if group entities lack financial sector regulation/supervision.
• Enhances group-wide fraud risk management framework.

Additional Information

• Fraud Reporting under RBI Scale-Based Regulations.
• Timeline - 14 days for classification
• Agency - RBI Fraud Monitoring Group
• Nodal officer coordinates police FIR and central reporting.
• Group entities include controlled subsidiaries and JVs.
• Penalties for delays include supervisory actions.
• Aims at early detection and mitigation across affiliates.

Q85. Answer: (a) 7 days

The correct answer is 7 days.

In News

• RBI mandates a minimum 7-day maturity for Certificates of Deposit issued by banks.

Key Points

• Bank-issued CDs maintain a minimum 7-day maturity, with a maximum up to one year duration.
• Issued at a discount to face value, redeemed at par providing implicit interest yield.
• Negotiable instruments transferable by endorsement-delivery enhancing liquidity.
• Scheduled commercial banks excluding RRBs, co-operative banks eligible issuers.
• Banks diversify funding beyond traditional deposits through CD issuance strategically.
• Institutional investors park surplus funds in CDs seeking short-term returns.
• RBI prescribes reporting, Cash Reserve Ratio requirements on CD liabilities.

Additional Information

• Money market includes T-Bills, Commercial Paper, and Certificates of Deposit.
• Financial institution CDs permit longer maximum maturities up to three years.
• Unsecured instruments carrying issuer credit risk profile.
• Interest rate movements influence secondary market CD trading yields.

Q86. Answer: (b) SDG 7, SDG 9, SDG 13

The correct answer is SDG 7, SDG 9, SDG 13.

In News

• National Green Hydrogen Mission aligns with SDG 7, 9, 13 targeting clean energy transition by 2030.

Key Points

• Mission supports SDG 7 (Affordable and Clean Energy) developing 5 MMT annual green hydrogen capacity with 125 GW renewable addition.
• Contributes to SDG 9 (Industry, Innovation, Infrastructure) mobilising Rs 8 lakh crore investments creating 6 lakh green jobs.
• Advances SDG 13 (Climate Action) abating 50 MMT annual GHG emissions reducing fossil fuel imports by Rs 1 lakh crore.
• Targets energy independence by 2047, Net Zero by 2070 through hydrogen as a long-duration renewable storage solution.
• Facilitates decarbonisation across industry, transport, power replacing fossil fuels systematically.
• Ministry of New Renewable Energy leads mission establishing India as green hydrogen export hub globally.
• Creates ecosystem for electrolysers, storage, distribution infrastructure supporting derivative production.

Additional Information

• Green hydrogen produced via electrolysis using renewable electricity exclusively.
• SDG 7 focuses universal access clean affordable modern energy services.
• SDG 9 promotes resilient infrastructure sustainable industrialisation innovation.
• SDG 13 urges immediate action combat climate change impacts.

Q87. Answer: (c) USD 11.5 billion

The correct answer is USD 11.5 billion.

In News

• India's CAD widened to USD 11.5 billion (1.1% GDP) in Q3 FY25 from USD 10.4 billion in the previous year.

Key Points

• CAD rose USD 11.5 billion Q3 FY25 representing 1.1% GDP versus 1.1% previous year driven by merchandise trade deficit expansion.

• Service exports growth partially offset the widening merchandise trade gap maintaining CAD stability in percentage terms.

• Private transfer receipts and remittances reached USD 35.1 billion up from USD 30.6 billion supporting the current account.

• Primary income account outgo investment income payments increased USD 16.7 billion from USD 13.1 billion.

• Financial account showed FDI net outflow USD 2.8 billion contrasting previous inflow USD 4 billion.

• Non-resident deposits recorded USD 3.1 billion inflows lower than USD 3.9 billion year-ago period.

• External commercial borrowings saw USD 4.3 billion net inflows reversing previous outflows significantly.

Additional Information

• CAD measures difference between exports and imports, goods services key external sector indicator.

• BoP depletion USD 37.7 billion September-December 2024 versus accretion previous period.

• Remittances constitute major support current account amid trade imbalances.

• RBI monitors external vulnerabilities through forex reserves management actively.

Q88. Answer: (b) 14

The correct answer is 14.

In News

• Bhagavad Gita, Natyashastra inscriptions elevated India's total to 14 UNESCO Memory World Register entries.

Key Points

• Bhagavad Gita 700 verses 18 chapters Sanskrit Devanagari script guiding a meaningful purposeful life inscribed in a register.

• Natyashastra Bharat Muni preserved Bhandarkar Oriental Research Institute recognised dramatic performing arts essence.

• India's 14 entries include the Rig Veda, Gilgit Manuscript, the Abhinavagupta manuscripts, Maitreyayvarakarana Pala period.

• Universal Declaration of Human Rights 1948 Paris proclaimed UNGA also features new register entries.

• Shantinatha manuscript 1396 CE Jain Tirthankara life ten illustrated scenes Gujarat Jain painting style.

• Abhinavagupta 248 manuscripts 41 texts 10th-century Kashmir philosopher polymath spanning philosophy and aesthetics.

• UNESCO Memory World Register preserves documentary heritage world significance universally.

Additional Information

• Memory World Programme protects the endangered valuable archival heritage globally.

• Bhagavad Gita Mahabharata part philosophical spiritual guidance cornerstone of Hinduism.

• Natyashastra comprehensive treatise Indian performing arts theatre dramaturgy.

• Inscriptions highlight India rich manuscript tradition cultural intellectual heritage.

• UNESCO

• Established in - 1945

• HQ - Paris, France

Q89. Answer: (c) 1154.30 LMT

The correct answer is 1154.30 LMT.

In News

• Second Advance Estimates highlight record Rabi wheat production of 1154.30 LMT 2024-25 season.

Key Points

• Wheat production is projected to reach a record 1154.30 LMT increase of 21.38 LMT over 1132.92 LMT in the previous year 2023-24.

• Rabi foodgrains excluding summer crops estimated at 1645.27 LMT supporting food security objectives.

• Estimates prepared using remote sensing, the Weekly Crop Weather Watch Group, and state reports validation.

• Crop Cutting Experiments yield assessment stakeholder consultations industry government representatives.

• Rabi rice excluding summer estimated 157.58 LMT complementing Kharif record 1206.79 LMT.

• Pulses gram chana 115.35 LMT lentil 18.17 LMT tur 35.11 LMT diversifying production.

• Oilseeds Rabi excluding summer 140.31 LMT rapeseed mustard 128.73 LMT edible oil security.

Additional Information

• Rabi season October-March winter crops wheat predominant foodgrain.

• Advance estimates guide procurement planning and buffer stock management.

• Remote sensing monitors crop health acreage real-time accurately.

• Crop Cutting Experiments scientific yield estimation methodology standard.

Q90. Answer: (b) Paytm

The correct answer is Paytm.

In News

• Paytm and DPIIT signed an MoU to support fintech startups with mentorship and infrastructure.

Key Points

• Paytm-DPIIT partnership provides fintech hardware startups with mentorship, innovation guidance, and scaling support.
• It offers regulatory compliance workshops and facilitates industry-government collaboration to navigate complexities.
• The collaboration leverages Paytm's extensive merchant network for infrastructure, market access, and solution testing.
• The initiative strengthens India's startup ecosystem and positions the country as a global innovation hub.
• It focuses on developing payment and financial technology solutions through comprehensive ecosystem support.
• DPIIT Joint Secretary highlighted Paytm's fintech expertise and infrastructure for entrepreneurs.
• The partnership addresses scaling challenges and contributes to India's innovation leadership emergence.

Additional Information

• DPIIT serves as the nodal agency for the Startup India initiative fostering entrepreneurship nationally.
• Fintech hardware includes payment terminals, POS devices, and financial infrastructure solutions.
• Merchant network testing validates solutions in real-world transaction environments effectively.
• Regulatory sandboxes enable compliant innovation testing in controlled settings.
• Paytm
• Founded in - 2010
• HQ - Noida

Q91. Answer: (e) 1st

The correct answer is 1st.

In News

• India ranks 1st globally in AI skill penetration per Stanford AI Index 2024, leading also in women's AI skills.

Key Points

• India tops AI skill penetration with a score 2.8 in the Stanford AI Index 2024, ahead of USA (2.2) and Germany (1.9).
• India leads women's AI skill penetration with score 1.7, surpassing USA (1.2) and Israel (0.9), promoting gender inclusion.
• IndiaAI Mission (Rs 10,300 crore over 5 years) by MeitY provides 18,693 GPUs computing capacity (9x DeepSeek).
• Three AI Centres of Excellence established: healthcare (IIT Delhi-AIIMS), agriculture (IIT Ropar), and sustainable cities (IIT Kanpur).
• Fourth CoE for education announced in Budget FY26 with Rs 500 crore outlay for sectoral AI applications.
• BHASHINI enables language translation, BharatGen multimodal LLM, and Sarvam-1 supports 10 Indian languages.
• India represents 16% global AI talent, among the top 5 fastest-growing AI talent hubs worldwide.

Additional Information

• IndiaAI Mission aligns with Viksit Bharat 2047 vision, establishing global AI leadership.
• GPU marketplace offers subsidised access at Rs 100/hour vs global USD 2.5-3 rates.
• Five semiconductor plants under construction strengthen AI hardware ecosystem domestically.
• AI economy projected to grow at 25-35% CAGR reaching USD 28.8 billion by 2025.

Q92. Answer: (d) Rs 370

The correct answer is Rs 370.

In News

• In March 2025, the Ministry of Rural Development (MoRD) revised the MGNREGA daily wage rate from Rs 349 to Rs 370 per person for Financial Year 2025–26 (FY26).

Key Points

• MGNREGA wages have been increased to Rs 370 per day for FY26.
• The previous wage was Rs 349 per day.
• The revised wage is effective from April 1, 2025, the beginning of Financial Year 2025–26.
• The notification was issued by MoRD under sub-section (1) of Section 6 of MNREGA, 2005.

Additional Information

YourMockTest.com — Free Study Material

• Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)
• Enacted in 2005 to guarantee 100 days of wage employment in a financial year to rural households.
• Provides employment opportunities through unskilled manual work.
• Wage Revision
• Wages are revised annually by the Ministry of Rural Development.
• Based on Consumer Price Index for Agricultural Labourers (CPI-AL).
• Implementation
• Effective from April 1, 2025, marking the start of FY26.
• Aims to support rural livelihoods and boost rural consumption.

Q93. Answer: (d) MuleHunter.AI

The correct answer is MuleHunter.AI.

In News

• RBIH launched MuleHunter.AI, an AI/ML model for detecting and mitigating mule accounts in financial frauds.

Key Points

• MuleHunter.AI surpasses traditional rule-based systems using machine learning for precision and speed in detection.
• It processes transaction data and account details to predict mule accounts and track illicit fund flows accurately.
• The model was developed by analysing 19 distinct mule account activity patterns in collaboration with multiple banks.
• Pilot testing with two public sector banks demonstrated significantly improved detection rates and effectiveness.
• Banks are encouraged to collaborate with RBIH to expand MuleHunter.AI across the financial ecosystem.
• It enhances cybersecurity and cyber fraud prevention through advanced transaction monitoring capabilities.
• The tool represents a transformative step towards a safer and more resilient financial ecosystem.

Additional Information

• Mule accounts are used to launder illicit cybercrime proceeds through unsuspecting individuals.
• RBIH fosters fintech innovation and regulatory technology solutions for financial inclusion.
• AI/ML significantly reduces false positives compared to traditional fraud detection systems.
• Regulator-bank-fintech collaboration strengthens the digital payments security framework.
• Reserve Bank Innovation Hub
• Established in - 2022
• HQ - Bengaluru

Q94. Answer: (c) Rs 1 crore

The correct answer is Rs 1 crore.

In News

• RBI proposed Rs 1 crore as the bulk deposit limit for Local Area Banks in June 2024 draft regulations.

Key Points

• RBI's draft regulations define bulk deposits for Local Area Banks as single-term deposits of Rs 1 crore or above with a maturity of one year.
• The revision aligns LABs' regulatory framework with commercial banks to maintain financial stability.
• Bulk deposits attract higher interest rates but carry greater liquidity risk management requirements.
• Local Area Banks operate in specific geographic regions serving underserved banking areas.
• The definition harmonisation facilitates uniform interest rate disclosure and customer protection.
• It enhances LABs' deposit mobilisation capabilities while ensuring prudential liquidity norms compliance.
• Stakeholder comments were invited to refine the final regulatory framework before implementation.

Additional Information

• Local Area Banks follow a hybrid commercial-cooperative model for specific regions exclusively.
• Bulk deposits are reported separately for liquidity coverage ratio calculations.
• RBI periodically reviews deposit classification thresholds based on market dynamics.
• Interest rate caps on bulk deposits prevent unhealthy competition and ensure stability.
• RBI
• Established in - 1935
• HQ - Mumbai

• Governor - Sanjay Malhotra

Q95. Answer: (d) Pradhan Mantri Virasat Ka Samvardhan

The correct answer is Pradhan Mantri Virasat Ka Samvardhan.

In News

• PM VIKAS was launched as an integrated scheme titled 'Pradhan Mantri Virasat Ka Samvardhan' by the Ministry of Minority Affairs.

Key Points

• PM VIKAS expands to Pradhan Mantri Virasat Ka Samvardhan, emphasising the preservation and advancement of the cultural 'virasat' (heritage) of minority communities.

• The scheme integrates five earlier schemes of the Ministry of Minority Affairs into a single umbrella for better convergence and implementation.

• Its focus is on skilling, economic empowerment, education support, and infrastructure for artisans and individuals from notified minority communities.

• The scheme aims to upgrade traditional arts and crafts through design, technology, credit support, and market linkages.

• It also seeks to enhance employability by providing training aligned with industry requirements and local livelihood opportunities.

• Target beneficiaries include minorities engaged in traditional occupations, small businesses, and skill-based livelihoods.

• Consolidation under PM VIKAS is intended to reduce overlap, improve monitoring, and ensure better outcomes at the ground level.

Additional Information

• Notified minority communities are Muslims, Christians, Sikhs, Buddhists, Parsis, and Jains.

• Earlier standalone schemes covered skill development, education, and infrastructure separately for minorities.

• PM VIKAS aligns with the broader agenda of inclusive growth and social justice.

• The scheme is implemented through state governments, training partners, and community-based institutions.

Q96. Answer: (d) Asian Development Bank

The correct answer is Asian Development Bank (ADB).

In News

• The Government of India and the Asian Development Bank signed a USD 350 million policy-based loan in December 2024 under the SMILE programme.

Key Points

• The USD 350 million loan from ADB supports the SMILE programme aimed at improving logistics efficiency and lowering logistics costs in India.

• It is a policy-based loan, meaning disbursement is linked to reform actions rather than specific investment projects.

• The programme focuses on multimodal connectivity, including better integration of road, rail, inland waterways, and ports.

• It aligns with India's National Logistics Policy, which aims to enhance the country's Logistics Performance Index ranking.

• Reforms supported include regulatory simplification, digital platforms for cargo movement, and improved freight planning.

• The programme seeks to promote greener logistics by encouraging modal shift to more energy-efficient transport options.

• Improved logistics are expected to boost exports, reduce supply-chain bottlenecks, and support manufacturing growth.

Additional Information

• Policy-based loans typically support structural reforms and institutional strengthening.

• The Gati Shakti National Master Plan provides an integrated platform for infrastructure planning and logistics corridors.

• Efficient logistics can significantly reduce the overall cost of doing business in the economy.

• Asian Development Bank

• Established in - 1966

• HQ - Manila, Philippines

Q97. Answer: (c) Medium Term and Long Term Government Deposit

The correct answer is Medium Term and Long Term Government Deposit (MLTGD).

In News

• The Government of India has discontinued the Medium Term and Long Term Government Deposit (MLTGD) components of the Gold Monetisation Scheme from 26 March 2025.

Key Points

• Under the decision, no fresh gold deposits are accepted under the Medium Term and Long Term Government Deposit (MLTGD)

component of GMS from 26 March 2025.

• Any gold tendered at Collection and Purity Testing Centres, GMS mobilising agents, or designated bank branches under MLTGD is not to be accepted after this date.

• Existing MLTGD accounts will, however, continue till their original maturity and will be redeemed as per earlier terms.

• The renewal of MLTGD deposits has also been stopped with effect from 26 March 2025.

• Earlier in 2025, the central government had also discontinued the Sovereign Gold Bond (SGB) scheme, indicating a broader rationalisation of gold schemes.

• The move follows a review of scheme utilisation and evolving gold market dynamics.

• Short Term Bank Deposit (STBD) under GMS continues, with interest rates decided by banks and tenures of 1–3 years.

Additional Information

• GMS was launched in 2015 to mobilise idle gold held by households and institutions and reduce gold imports.

• The scheme replaced the earlier Gold Deposit Scheme, 1999.

• Eligible depositors include resident individuals, HUFs, trusts, companies, and government entities.

• Minimum deposit under GMS is 10 grams of raw gold (bars, coins, jewellery excluding stones and other metals), with no maximum limit.

Q98. Answer: (d) 1 and 2 only

The correct answer is 1 and 2 only.

In News

• On April 5, 2025, the Government of India marked 9 years of successful implementation of the Stand-Up India Scheme, launched on April 5, 2016.

Key Points

• The Stand-Up India Scheme was launched on April 5, 2016 and completed 9 years on April 5, 2025.

• It aims to promote grassroots entrepreneurship with a focus on economic empowerment and job creation.

• The scheme provides bank loans ranging from Rs 10 lakh to Rs 100 lakh to a minimum of one SC/ST and one woman borrower per Scheduled Commercial Bank (SCB) branch.

• Statement 3 is incorrect: Only individuals above the age of 18 years are eligible under the scheme, not below 18.

Additional Information

• Stand-Up India Scheme

• Launched by the Government of India on April 5, 2016.

• Focuses on promoting entrepreneurship among SC/ST and women communities.

• Offers institutional credit from Rs 10 lakh to Rs 100 lakh for setting up new enterprises.

• Nodal Agency

• Small Industries Development Bank of India (SIDBI), headquartered in Lucknow, Uttar Pradesh.

• Implements the scheme under the guidance of the Department of Financial Services (DFS), Ministry of Finance (MoF).

• Eligibility Criteria

• Only SC/ST or women entrepreneurs.

• Must be above 18 years of age.

• Applies to new businesses only (greenfield projects).

Q99. Answer: (b) United Arab Emirates

The correct answer is United Arab Emirates (UAE).

In News

• The UAE is the largest destination for Indian blue-collar workers, especially in construction, services, and infrastructure sectors.

Key Points

• The UAE hosts the highest number of Indian blue-collar migrant workers among GCC countries.

• Large projects in Dubai, Abu Dhabi and other emirates create demand for construction, maintenance, and service workers from India.

• Geographical proximity and strong economic links make the UAE a preferred destination for Indian workers.

• The e-Migrate portal regulates Emigration Check Required (ECR) category workers for safe migration to the Gulf countries.

• Remittances from Indian workers in the UAE significantly contribute to household incomes in several Indian states.

• Bilateral agreements between India and UAE also cover labour protection and welfare measures.

• The Indian community forms one of the largest expatriate groups in the UAE.

Additional Information

• Blue-collar jobs typically include manual and semi-skilled work in construction, manufacturing, and services.

• India has over 8 million expatriates in GCC countries.

• The Indian Community Welfare Fund supports distressed Indian nationals abroad.

• Remittances from Gulf countries are a key component of India's private transfer receipts in the balance of payments.

Q100. Answer: (a) Andhra Pradesh

The correct answer is Andhra Pradesh.

In News

• Andhra Pradesh is the leading state in palm oil production under the National Mission on Edible Oils – Oil Palm.

Key Points

• Andhra Pradesh accounts for the highest share of palm oil production in India, with extensive plantations in districts like East Godavari and West Godavari.

• The state's favourable tropical climate and irrigation facilities support high-yield oil palm cultivation.

• Under the National Mission on Edible Oils – Oil Palm, the Centre and states are incentivising the expansion of oil palm plantations.

• Palm oil has the highest oil yield per hectare among major oil crops, improving land-use efficiency.

• Increasing domestic palm oil output is critical to reducing India's heavy dependence on imported edible oils.

• The government provides viability gap funding and ensures assured pricing mechanisms to support farmers.

• Processing units and Farmer-Producer Organisations (FPOs) are being promoted to strengthen the value chain.

Additional Information

• India is one of the largest importers and consumers of palm oil globally.

• The National Mission on Edible Oils – Oil Palm was launched to expand oil palm area and processing capacity.

• Sustainable cultivation practices are encouraged to minimise environmental impact.

• Oil palm is a perennial crop with a productive life spanning over two decades.

Q101. Answer: (c) Asian Development Bank

The correct answer is Asian Development Bank (ADB).

In News

• The Asian Development Bank (ADB) launched the "Frontier Seed" initiative to scale private sector solutions for ocean health and resilient growth in the Pacific region.

Key Points

• "Frontier Seed" is designed to support early-stage and innovative enterprises that operate in Pacific Island countries and work on sustainable ocean and climate-resilient solutions.

• Through this initiative, ADB aims to de-risk private investments and crowd in additional capital into sectors such as sustainable fisheries, coastal protection, and ocean-based renewable energy.

• The facility targets high-impact projects that can improve livelihoods, create jobs, and protect marine ecosystems in vulnerable Pacific economies.

• It aligns with ADB's broader Ocean Health Action Plan and climate finance commitments for small island developing states.

• Blended finance structures under Frontier Seed are expected to combine concessional resources with private equity and debt.

• The initiative also focuses on building the capacity of local entrepreneurs and strengthening regulatory environments for blue economy ventures.

• By supporting scalable business models, Frontier Seed aims to help Pacific countries leverage their ocean resources sustainably.

Additional Information

• ADB is a regional development bank headquartered in Manila, focusing on inclusive and sustainable growth in Asia and the Pacific.

• Established in - 1966

• HQ - Manila, Philippines

• The Pacific region is highly vulnerable to climate change impacts such as sea-level rise, cyclones, and coral reef degradation.

• Blue economy initiatives aim to balance economic development with the conservation of ocean and coastal ecosystems.

• Blended finance uses concessional funds to mobilise larger amounts of commercial capital for development projects.

YourMockTest.com — Free Study Material

Q102. Answer: (b) Maharashtra

The correct answer is Maharashtra.

In News

• The Cabinet approved construction of a 6-lane access-controlled greenfield highway project in the state of Maharashtra.

Key Points

• The project involves developing a new 6-lane access-controlled greenfield highway corridor in Maharashtra to enhance high-speed connectivity.

• It is expected to reduce logistics costs and travel time between key industrial and agricultural regions in the state.

• The highway will be implemented under the Bharatmala or similar flagship programme for national highway expansion.

• Greenfield status means the road will be built on a new alignment rather than expanding existing routes, allowing better geometric design and safety.

• The project will include interchanges, service roads, and safety features designed for controlled access and limited entry/exit points.

• Land acquisition, environment clearance, and rehabilitation plans will be handled as per current highway development norms.

• The investment is expected to generate employment during construction and support long-term regional economic development.

Additional Information

• Access-controlled highways restrict entry and exit to designated points, improving safety and average travel speed.

• Greenfield projects avoid constraints of existing built-up areas but require higher initial land and construction costs.

• Maharashtra is a leading industrial state, and improved road connectivity supports manufacturing and export competitiveness.

• Such highways also facilitate better connectivity to ports, logistics parks, and dedicated freight corridors.

Q103. Answer: (c) It introduced features such as multilingual support, recurring payments, and improved security.

The correct answer is It introduced features such as multilingual support, recurring payments, and improved security.

In News

• BHIM 3.0 was launched with enhanced digital payment features to make UPI usage more convenient, inclusive, and secure.

Key Points

• BHIM 3.0 builds on the original BHIM app by adding multilingual support to cater to a wider base of users across Indian languages.

• The upgrade includes recurring payment features, enabling users to set up automatic bill payments and subscriptions via UPI.

• Enhanced security features include better fraud alerts, improved device binding, and stronger authentication flows.

• The interface has been refined to make onboarding easier for first-time users and to simplify payment flows.

• Integration with more banks and third-party services helps expand the utility of BHIM beyond simple P2P transfers.

• BHIM 3.0 continues to support QR-based payments, merchant payments, and request-money functionalities.

• The upgrade is aligned with India's broader push towards cashless, real-time digital payments via UPI.

Additional Information

• BHIM (Bharat Interface for Money) is a National Payments Corporation of India (NPCI) application based on UPI.

• UPI enables instant fund transfers between bank accounts using mobile devices and virtual payment addresses.

• India is one of the world leaders in real-time digital payments volume, with UPI as a key driver.

• Security, ease of use, and language support are critical factors for deepening digital payment adoption.

• NPCI

• Established in - 2008

• HQ - Mumbai

Q104. Answer: (d) Processing

The correct answer is Processing.

In News

• IDPMS is an RBI-driven online system where "P" stands for 'Processing' in the Import Data Processing and Monitoring System.

Key Points

• IDPMS expands to Import Data Processing and Monitoring System, highlighting its dual function of processing and monitoring import data.

• The system captures import transactions reported by banks and customs, enabling end-to-end tracking from shipment to payment.

• It helps banks verify whether imports are matched with corresponding remittances or trade credits within prescribed timelines.

• Businesses benefit from reduced manual paperwork and faster reconciliation of import documents with bank records.
• RBI uses aggregated data from IDPMS to track foreign exchange usage and compliance with FEMA provisions.
• The platform supports risk-based supervision by flagging delayed or unmatched transactions for further scrutiny.
• IDPMS is integrated with the export-side system (EDPMS) to give a full picture of India's trade-related foreign exchange flows.

Additional Information

• EDPMS stands for Export Data Processing and Monitoring System for export transactions.
• Digital trade monitoring systems reduce compliance costs for both banks and corporates.
• FEMA (Foreign Exchange Management Act) governs foreign exchange regulations in India.
• Such systems support data-driven policy decisions on external sector management.
• RBI
• Established in - 1935
• HQ - Mumbai
• Governor - Sanjay Malhotra

Q105. Answer: (c) Account Closure after notice

The correct answer is Account closure after notice.

In News

• Bank account closure for non-updated KYC post-reminders.

Key Points

• Banks must send three advance reminders before the KYC due date via SMS, email, letter, or app.
• Post-due, three more reminders including a physical letter with clear update instructions.
• Non-compliance after reminders leads to account closure following additional notice.
• Audit trail records all communication attempts for regulatory compliance.
• Low-risk customers get transaction continuity until June 30, 2026, or one year post-due.
• Rural camps and awareness drives address higher pendency in semi-urban areas.
• Empathetic approach includes support escalation for customer assistance.

Additional Information

• KYC Update verifies customer identity periodically.
• Frequency - Risk-based (low: 10 years)
• Channels - Digital + physical
• RBI eased norms noting delays in government schemes and rural access issues.
• Closure prevents money laundering risks from outdated profiles.
• REs maintain records for supervisory audits.
• Periodic review every 2-10 years based on risk category.

Q106. Answer: (c) RTGS high-value real-time payments

The correct answer is RTGS high-value real-time payments.

In News

• India adopted the ISO 20022 standard first in its high-value RTGS payment system for standardised messaging.

Key Points

• ISO 20022 provides a common global "language" and data model for financial messages across payment systems.
• India's Real Time Gross Settlement (RTGS) system adopted ISO 20022 message formats for high-value, real-time interbank transfers.
• This adoption allows richer data fields, better reconciliation, and improved straight-through processing compared to legacy formats.
• Standardisation helps interoperability with cross-border payment systems that also use ISO 20022.
• Over time, other payment and securities systems in India are aligning with ISO 20022-based formats.
• Banks upgraded their core systems and middleware to support the new structured messaging requirements.
• Migration to ISO 20022 is a global trend driven by SWIFT and major central banks for modern payment infrastructures.

Additional Information

• RTGS processes large-value, time-critical transactions individually and in real time.
• ISO 20022 messages are XML-based and allow more structured remittance information.
• Global adoption of ISO 20022 improves transparency and compliance in cross-border payments.

• Standardised messaging reduces operational risk and manual intervention in back-office processing.

Q107. Answer: (d) USD 682.59 billion

The correct answer is USD 682.59 billion.

In News

• India's overall exports (merchandise plus services) in 2024 were reported at USD 682.59 billion.

Key Points

• The combined export figure of USD 682.59 billion includes both merchandise exports and services exports.
• Services exports such as IT, business process management, and professional services contributed significantly to the total.
• Merchandise exports included sectors like engineering goods, petroleum products, chemicals, and agriculture.
• The performance reflects efforts to diversify export destinations and reduce over-reliance on a few markets.
• Government schemes like RoDTEP, PLI, and export credit support have helped exporters remain competitive.
• Trade agreements and negotiations aim to secure better market access for Indian products and services.
• Export growth is crucial for managing the current account and generating foreign exchange reserves.

Additional Information

• India's services exports often generate a surplus that partially offsets merchandise trade deficit.
• IT and IT-enabled services remain a major driver of export earnings.
• Export performance is sensitive to global growth, commodity prices, and currency movements.
• Policy focus on "Atmanirbhar Bharat" also emphasises boosting high-value exports.

Q108. Answer: (e) A traditionally low-ranked, regulation-heavy economy

The correct answer is A traditionally low-ranked, regulation-heavy economy.

In News

• Startup-friendly countries typically feature strong innovation ecosystems, whereas heavily regulated, low-ranked economies are considered less startup-friendly.

Key Points

• The United States, India, Israel, and Singapore are consistently highlighted among leading startup ecosystems globally.
• They provide venture capital availability, incubators, accelerators, and favourable regulatory frameworks for innovation.
• Countries with cumbersome regulations, weak investor protection, and limited innovation infrastructure tend to rank lower on startup friendliness.
• Such economies often face brain drain, limited access to risk capital, and slower technology adoption.
• Global indexes typically classify them lower due to barriers in ease of doing business and market entry.
• Policy reforms in these countries are often aimed at improving the business climate to attract startups and investors.
• In contrast, established hubs actively market themselves as destinations for global startups and tech talent.

Additional Information

• Startup ecosystem rankings usually consider funding, market reach, talent, and infrastructure.
• Regulatory over-complexity discourages entrepreneurship and the formalisation of new businesses.
• Government-supported incubators and accelerators can significantly improve a country's startup attractiveness.
• Stable macroeconomic conditions also matter for startup investment decisions.

Q109. Answer: (d) Rs 5 crore

The correct answer is Rs 5 crore.

In News

• The minimum paid-up capital requirement for a Local Area Bank (LAB) in India is Rs 5 crore.

Key Points

• Local Area Bank (LAB) were conceptualised to operate in limited geographical areas and focus on local savings and credit needs.
• The prescribed minimum paid-up capital for a LAB is Rs 5 crore, ensuring a basic level of financial strength.
• These banks are expected to maintain adequate capital adequacy and follow prudential norms like other commercial banks.
• They are usually allowed to operate in a maximum of three geographically contiguous districts.
• LABs mobilise deposits from local communities and lend primarily to agriculture, small industry, and rural households.
• They are supervised by the Reserve Bank of India under applicable banking regulations.
• The model aims to supplement the outreach of larger commercial and regional rural banks in specific pockets.

YourMockTest.com — Free Study Material

Additional Information

• Capital requirements help absorb potential losses and protect depositors' interests.

• LABs are registered as public limited companies under the Companies Act in addition to holding a banking licence.

• Their operations must comply with reserve requirements and priority sector lending norms, where applicable.

• Local-focused banks are part of broader financial inclusion strategies in India.

Q110. Answer: (b) Odisha

The correct answer is Odisha.

In News

• Dr. Arvind Panagariya, Chairman of the 16th Finance Commission, released NITI Aayog's 'Fiscal Health Index (FHI) 2025', where Odisha ranked 1st with a score of 67.8.

Key Points

• The FHI 2025 evaluates the fiscal health of 18 major states across parameters like expenditure quality, revenue mobilisation, prudence, and debt sustainability.

• Odisha topped the rankings with an overall score of 67.8, followed by Chhattisgarh (55.2) and Goa (53.6).

• The Achiever category (FHI score > 50) includes Odisha, Chhattisgarh, Goa, Jharkhand (51.6), and Gujarat (50.5).

• Top states typically have higher capital outlay of up to 4% of GSDP, revenue surplus, and low interest payments (around or below 7% of revenue receipts).

• Front Runner states like Maharashtra, Uttar Pradesh, Telangana, Madhya Pradesh, and Karnataka report high developmental expenditure (up to 73%) and improved debt metrics.

• Performer states include Tamil Nadu, Rajasthan, Bihar, and Haryana with moderate scores.

• Aspirational states such as Kerala, West Bengal, Andhra Pradesh, and Punjab have weaker indicators with higher debt burdens and difficulty meeting deficit targets.

Additional Information

• The FHI uses data from the Comptroller and Auditor General (CAG) and other official sources.

• It groups states into four bands: Achiever (>50), Front Runner (40–50), Performer (25–40), and Aspirational (≤25).

• Key sub-indices include Quality of Expenditure, Revenue Mobilisation, Fiscal Prudence, Debt Index, and Debt Sustainability.

• The index is intended to help policymakers identify strengths and weaknesses in state-level fiscal management.

Q111. Answer: (b) Madhya Pradesh

The correct answer is Madhya Pradesh.

In News

• Madhya Pradesh leads as the top lentil-producing state in India, with its Bundelkhand region contributing nearly 25% to national lentil production.

Key Points

• Madhya Pradesh consistently ranks as India's largest producer of lentils, accounting for over 25% of the country's total pulses output including masoor dal.

• The Bundelkhand region within Madhya Pradesh serves as the primary lentils cultivation hub, earning recognition as the "lentil bowl" due to its favourable agro-climatic conditions.

• Lentils thrive in Madhya Pradesh's black cotton soils during the rabi season, supported by adequate winter rainfall and moderate temperatures ideal for pulse crops.

• The state's extensive acreage under lentils, combined with improved seed varieties and farming practices, drives its leadership in production volumes.

• Government procurement and minimum support prices ensure stable returns for Madhya Pradesh farmers, encouraging sustained cultivation of lentils.

• As pulses production leader, Madhya Pradesh significantly contributes to India's efforts to achieve self-sufficiency and reduce import dependence on lentils.

Additional Information

• Lentils (masoor dal) form a major rabi pulse crop grown across India, with Madhya Pradesh, Uttar Pradesh, Rajasthan, Bihar, and West Bengal as key producers.

• India aims to become the world's largest lentils producer through expanded acreage and productivity improvements in leading states like Madhya Pradesh.

• Bundelkhand region's semi-arid climate and soil conditions particularly suit lentils, supporting high yields during winter cropping season.

• Pulses cultivation helps improve soil fertility through nitrogen fixation, making lentils valuable in crop rotation systems.

Q112. Answer: (c) 63.55%

The correct answer is 63.55%.

In News

• India's milk production surged by 63.55% in the last ten years through the Rashtriya Gokul Mission implementation and supporting dairy development initiatives.

Key Points

• Rashtriya Gokul Mission has driven a 63.55% increase in India's milk production over the past decade, reinforcing its status as the world's largest milk producer.

• The mission focuses on conserving indigenous breeds through scientific breeding, artificial insemination, and productivity enhancement programmes for native cattle.

• Per capita milk availability rose from 307 grams per day in 2013-14 to 471 grams per day in 2023-24, reflecting substantial growth in dairy output.

• Cattle productivity improved by 26.34% during the same period through better genetics, health management, and feed supplementation initiatives.

• Artificial insemination coverage reached 33% of breedable bovines, with emphasis on upgrading non-descript cattle using proven indigenous genetics.

• The mission promotes the establishment of milk processing units and cold chain infrastructure to reduce wastage and enhance farmer incomes.

Additional Information

• Rashtriya Gokul Mission targets the development of high genetic merit bulls, frozen semen production, and elite herd formation for sustainable dairy growth.

• India produces about 24-25% of global milk, supporting 80 million small dairy farmers primarily through indigenous breeds.

• The government aims to reach 300 million tonnes of milk production by 2028 through continued breed conservation and productivity enhancement.

• Indigenous breeds contribute significantly to milk production while maintaining disease resistance and suitability to local conditions.

Q113. Answer: (c) Perfection

The correct answer is Perfection.

In News

• Vincenzo Latronico's Perfection named among six books on the 2025 International Booker Prize shortlist for its incisive portrayal of modern emptiness.

Key Points

• Vincenzo Latronico's novel Perfection secured a position on the 2025 International Booker Prize, competing among six translated fiction works.

• The judges described Perfection as a taut, spare sociological novel examining the emptiness of contemporary urban existence through expat protagonists Anna and Tom.

• Set in Berlin, the narrative follows digital creatives whose curated lifestyle of progressive politics, sexual experimentation, and party culture reveals underlying disillusionment.

• Latronico masterfully critiques digital perfectionism and authenticity-seeking through characters trapped in optimised yet unfulfilling modern existence.

• The novel's stylistic precision and wry humour earned praise as scathing yet affecting commentary on 21st-century societal disconnection.

• International Booker Prize recognises outstanding translated fiction, with shortlisted works representing diverse global voices and literary excellence.

Additional Information

• International Booker Prize awards £50,000 to winning author and translator, celebrating literature bridging cultural boundaries through translation.

• Perfection draws comparisons to Georges Perec's Les Choses for its examination of consumerist disillusionment in contemporary settings.

• The prize shortlist typically features works from varied linguistic and cultural backgrounds, highlighting global literary diversity.

• Italian literature gains recognition through Latronico's precise social observation and narrative economy in English translation.

Q114. Answer: (b) Only 1 and 3

The correct answer is Only 1 and 3.

In News

• The Vigyan Dhara scheme was launched on January 16, 2025, to strengthen India's scientific research, innovation, and technological development.

Key Points

• Statement 1 is correct: The scheme merges three existing umbrella schemes of the Department of Science and Technology (DST): Science and Technology Institutional and Human Capacity Building, Research and Development, and Innovation, Technology Development, and Deployment.

• Statement 2 is incorrect: The total outlay for the Vigyan Dhara scheme is Rs. 10,579.84 crore, not Rs. 5,000 crore, for the 15th Finance Commission period (2021-22 to 2025-26).

• Statement 3 is correct: The annual allocation for the scheme increased by 4.31 times, from Rs. 330.75 crore (2024-25) to Rs. 1,425 crore (2025-26).

Additional Information

• The Government of India (GoI) launched the unified Vigyan Dhara scheme on 16 January 2025 to strengthen India's scientific research, innovation, and technological development.

• It merges three existing umbrella schemes of the Department of Science and Technology (DST) under the Ministry of Science and Technology(MoS&T):

• Science and Technology (S&T) Institutional and Human Capacity Building

• Research and Development (R&D)Innovation, Technology Development, and Deployment

• Total Outlay: Rs. 10,579.84 crore for the 15th Finance Commission(FC) period (2021-22 to 2025-26).

• Annual Allocation: 4.31 times Increased from Rs. 330.75 crore (2024-25) to Rs. 1,425 crore (2025-26).

Q115. Answer: (d) 100

The correct answer is 100.

In News

• Department of Fisheries selected 100 coastal fishermen villages for development as Climate Resilient Coastal Fishermen Villages under Pradhan Mantri Matsya Sampada Yojana.

Key Points

• Pradhan Mantri Matsya Sampada Yojana targets development of 100 coastal fishermen villages across all coastal states and union territories as climate-resilient settlements.

• The National Fisheries Development Board (NFDB) designated as nodal agency for implementing Rs 200 crore project covering comprehensive village infrastructure.

• Selected villages situated close to coastlines will receive modern facilities including fish drying yards, processing centres, fish markets, fishing jetties, ice plants, and cold storage.

• Initiative aims to create economically vibrant fishing communities resilient to climate change impacts like cyclones and sea-level rise.

• Emergency rescue facilities and common infrastructure ensure fisherfolk safety and livelihood security during adverse weather conditions.

• PMMSY funding supports sustainable fisheries development, post-harvest infrastructure, and value addition for coastal community empowerment.

Additional Information

• PMMSY comprehensive scheme boosts fisheries production to 22 million tonnes by 2024-25 through infrastructure and productivity enhancement.

• Climate-resilient villages incorporate disaster management infrastructure suited to coastal vulnerabilities like erosion and flooding.

• NFDB coordinates fisheries development projects nationwide, focusing on sustainable practices and fisher community welfare.

• Integrated village development reduces post-harvest losses through modern processing and storage infrastructure.

• Pradhan Mantri Matsya Sampada Yojana

• Launched: 10 September 2020

• Ministry: Ministry of Fisheries, Animal Husbandry & Dairying

• Objective: Sustainable development of fisheries & doubling fishers' income

Q116. Answer: (d) 33%

The correct answer is 33%.

In News

• Under the bamboo development framework in the North Eastern Region, the Project Bamboo Northeast Centre has been assigned a 33% share as the central coordinating institution.

Key Points

• The programme identifies a dedicated Project Bamboo Northeast Centre to function as the nodal hub for capacity building, technical guidance and market linkage for bamboo-based enterprises.

• The Centre's share is fixed at 33%, reflecting its role in providing overarching support in areas such as technology transfer, design development, and cluster-level coordination.

• The remaining share is distributed among state governments, implementing agencies, and local producer groups, ensuring decentralised participation in project execution.

• This allocation model helps balance central-level expertise with state-level implementation, leading to better adaptation to local bamboo varieties and traditional practices.

• Bamboo is a major livelihood resource in the North Eastern Region and a key raw material for furniture, handicrafts, construction, and biomass-based products.

• The Centre also works to align project activities with national policies on agro-forestry, MSME promotion, and export-oriented bamboo products.

• By maintaining a 33% central share, the programme ensures that strategic planning and quality standards are maintained while encouraging local ownership and innovation.

Additional Information

• Bamboo-based development programmes often involve components like nursery development, plantation, processing units, and skill training for artisans.

• North Eastern states of India have a comparative advantage in bamboo resources due to favourable climate and traditional usage.

• Institutional centres help standardise product quality, branding, and certification to access domestic and export markets.

• Such projects support carbon sequestration and climate resilience by promoting bamboo as a fast-growing renewable resource.

• Public–private partnerships are increasingly used to scale up bamboo value chains and integrate them with national logistics and e-commerce platforms.

Q117. Answer: (d) Western Coalfields Limited

The correct answer is Western Coalfields Limited.

In News

• Western Coalfields Limited became the first coal PSU in India to deploy Paste Fill Technology for underground mining operations.

Key Points

• Western Coalfields Limited (WCL), a subsidiary of Coal India Limited, pioneered the adoption of Paste Fill Technology in India's coal PSU segment.

• Paste Fill Technology involves mixing mill tailings, fly ash, water, and binding agents into a paste and pumping it into underground voids left after coal extraction.

• This technique significantly reduces surface subsidence and ground instability, enhancing safety for both mining operations and surface structures.

• By backfilling voids, the technology allows for higher extraction rates from underground seams, improving overall resource recovery compared to conventional methods.

• Pasting reduces the volume of waste material stored on the surface, supporting environmental management and land reclamation in mining areas.

• The adoption of paste fill aligns with policy goals of scientific mining, environmental sustainability, and worker safety in the coal sector.

• WCL's initiative sets a benchmark for other subsidiaries and mining companies to consider modern backfilling methods in suitable underground projects.

Additional Information

• Coal India Limited is the world's largest coal producer, with several subsidiaries including WCL, ECL, SECL, NCL, and others.

• Established in - 1975

• HQ - Kolkata

• Traditional underground mining methods often leave voids that can cause land subsidence, water ingress, and safety risks.

• Paste fill is widely used in metal mining globally and is now being adopted in coal mining to improve sustainability.

• Fly ash from thermal power plants is an important ingredient in paste fill, offering a way to utilise industrial waste.

• Advanced mining technologies help align India's energy production with environmental and social governance (ESG) expectations.

YourMockTest.com — Free Study Material

Q118. Answer: (b) Rs. 1,000 crore

The correct answer is Rs. 1,000 crore.

In News

• The Union Cabinet approved the establishment of a Rs. 1,000 crore Venture Capital Fund for the space sector under the aegis of IN-SPACe.

Key Points

• The Cabinet cleared a dedicated Venture Capital (VC) Fund of Rs. 1,000 crore to support startups and private players in India's space sector.

• The fund will operate under the supervision of the Indian National Space Promotion and Authorisation Centre (IN-SPACe), which promotes private sector participation in space activities.

• The Rs. 1,000 crore corpus is planned to be disbursed over a period of up to five years from the commencement of fund operations.

• Annual deployment from the fund is expected to average between Rs. 150–250 crore, depending on the investment pipeline and project readiness.

• The fund aims to provide equity and quasi-equity support to space-tech startups engaged in launch services, satellite manufacturing, downstream applications, and related technologies.

• This decision was part of a broader set of approvals that also included two railway projects worth Rs. 6,798 crore and a new Amaravati railway line approved at an expenditure of Rs. 2,245 crore.

• The VC fund is expected to crowd-in private capital and strategic investors, accelerating the growth of India's emerging commercial space ecosystem.

Additional Information

• IN-SPACe is an autonomous nodal agency under the Department of Space tasked with authorising and regulating private space activities in India.

• Venture Capital funds provide risk capital to early-stage and high-growth companies in exchange for equity stakes.

• India's space reforms aim to open areas like satellite communication, remote sensing, launch services, and space-based applications to non-government entities.

• Cabinet approvals for railway projects support connectivity, freight movement, and regional development alongside space-sector investments.

• Dedicated VC support for space-tech aligns with India's target of becoming a major player in the global commercial space market.

Q119. Answer: (a) Karnataka

The correct answer is Karnataka.

In News

• The Central Sericultural Research and Training Institute (CSR&TI) functions as a key sericulture research and training centre located in Karnataka.

Key Points

• The Central Sericultural Research and Training Institute (CSR&TI) is a premier sericulture research institute under the Central Silk Board.

• CSR&TI is located in the state of Karnataka, a leading region for mulberry cultivation and silk production in India.

• The institute undertakes research on silkworm breeds, mulberry varieties, disease management, and rearing technologies to enhance productivity and quality.

• It also provides training and extension support to state sericulture departments, farmers, grainage owners, and reelers through structured programmes.

• CSR&TI develops and disseminates package-of-practice manuals and technical guidelines suited to different agro-climatic zones.

• The institute collaborates with other research bodies and agricultural universities to integrate sericulture with agro-forestry and livelihood missions.

• Its work contributes significantly to the growth of the Indian silk industry, supporting both domestic consumption and export of silk products.

Additional Information

• Sericulture is the science and practice of rearing silkworms for silk production, involving mulberry cultivation, silkworm rearing, reeling, and weaving.

• India is one of the world's largest producers and consumers of silk, with Karnataka as a major hub for mulberry silk.

• The Central Silk Board is a statutory body under the Ministry of Textiles responsible for planning, development, and promotion of sericulture in India.

YourMockTest.com — Free Study Material

• Research institutes like CSR&TI help improve cocoon yield, raw silk quality, and disease resistance through scientific breeding programmes.

• Sericulture is an important labour-intensive, livelihood-oriented activity providing supplementary income to rural households, especially women.

Q120. Answer: (b) 1 and 3 only

The correct answer is 1 and 3 only.

In News

• On April 2, 2025, Forbes released its 39th Annual World's Billionaires List, featuring the definitive ranking of the world's richest individuals for the year.

Key Points

• Elon Musk, CEO of Tesla Motors, topped the list with a net worth of USD 342 billion.

• Mark Zuckerberg, CEO of Meta, ranked 2nd with a net worth of USD 216 billion, followed by Jeff Bezos in 3rd place.

• Mukesh Ambani ranked 18th globally with USD 92.5 billion, making him India's richest and Asia's wealthiest individual.

• Gautam Adani ranked 28th globally with USD 56.3 billion, behind Mukesh Ambani, Zhang Yiming (23rd), and Zhong Shanshan (26th).

• Savitri Jindal & Family ranked 48th, Shiv Nadar 51st, and Dilip Shanghvi 79th among the world's billionaires.

Additional Information

• Top 3 Global Billionaires (2025)

• 1st – Elon Musk (USD 342 B), CEO of Tesla, USA

• 2nd – Mark Zuckerberg (USD 216 B), CEO of Meta

• 3rd – Jeff Bezos, Amazon Founder

• Top 5 Indian Billionaires (2025)

• 18th – Mukesh Ambani, USD 92.5 B, Reliance Industries

• 28th – Gautam Adani, USD 56.3 B, Adani Group

• 48th – Savitri Jindal & Family, USD 35.5 B, Jindal Group

• 51st – Shiv Nadar, USD 34.5 B, HCL

• 79th – Dilip Shanghvi, USD 24.9 B, Sun Pharmaceuticals

• Other Notable Asians

• Zhang Yiming, TikTok Founder – 23rd, USD 65.5 B

• Zhong Shanshan, Nongfu Spring – 26th, USD 57.7 B

Q121. Answer: (a) Only 1 and 2

The correct answer is Only 1 and 2.

In News

• The Department of Telecommunications (DoT) and WhatsApp collaborated to expand Meta's safety campaign 'Scam Se Bacho' to enhance digital safety in India.

• The DoT launched the 'Sanchar Saathi portal' and mobile app to help users report suspected fraud calls, track mobile connections, and block or trace lost or stolen devices.

Key Points

• Statement 1 is correct: The DoT and WhatsApp partnered to extend Meta's safety campaign 'Scam Se Bacho,' which aims to raise awareness and enhance digital safety for users in India.

• Statement 2 is correct: The 'Sanchar Saathi portal' and mobile app launched by the DoT allow users to report fraud calls, track mobile connections, and manage lost or stolen devices to ensure safety and prevent fraud.

• Statement 3 is incorrect: WhatsApp is not launching a new initiative for tracking lost or stolen devices; it is involved in expanding the safety campaign, but not in the direct management of device tracking.

Additional Information

• The Sanchar Saathi Mobile App, available for both Android and iOS platforms, provides users with critical tools to secure their telecom resources and combat telecom frauds. Key features include:

• · Chakshu - Reporting Suspected Fraud Communications (SFC): Users can report suspected calls and SMS using app and directly from mobile phone logs.

• · Know Mobile Connections in Your Name: Citizens can identify and manage all mobile connections issued in their name, ensuring no unauthorized usage.

• · Blocking Your Lost/ Stolen Mobile Handset: Lost or stolen mobile devices can be swiftly blocked, traced and recovered.

YourMockTest.com — Free Study Material

• · Know Mobile Handset Genuineness: The app offers an easy way to verify the authenticity of mobile handsets, ensuring users purchase genuine devices.

• With over 90 crore smart phone users in the country, the Sanchar Saathi Mobile App aims to ensure that every individual has access to these vital services with just a few taps on their smartphone.

• National Broadband Mission (NBM) 2.0: The NBM 2.0 aims to propel India into a new era of digital transformation. Aligning with the Hon'ble Prime Minister's vision of a Viksit Bharat by 2047, it envisions India as a global knowledge society by providing High-speed Broadband and Meaningful Connectivity for all. Building on the success of NBM 1.0 (2019-2024), following will be the key benefits of NBM 2.0:

• Extending operational optical fiber cable (OFC) connectivity to 2.70 lakh villages by 2030 with 95% uptime from ~50,000 as of now.

• To provide broadband connectivity to 90% of anchor institutions like Schools, PHCs, Anganwadi Centre, and Panchayat offices by 2030.

• Improve the Fixed broadband download Speeds- National Average from 63.55 Mbps in November 2024 to a minimum 100 Mbps by 2030.

• To achieve 100% mapping of fiber networks owned by government PSUs by 2026 on PM GatiShakti National MasterPlan Platform (PMGS) and use PMGS for planning of Additional Bharatnet project.

• For Ease of Doing Business - reduce the Right of Way application average disposal time from 60 days (now)to 30 days by 2030. In 2019 it was 449 days.

• Increase the number of rural internet subscribers per 100 population from the current 45 to 60 by 2030.

• Achieve the target of powering 30% of mobile towers with sustainable energy by 2030.

• Work on enhancing the usage of the 'Call Before u Dig' (CBuD) mobile app to protect underground Telecom infrastructure and other utilities. Hon'ble PM had launched it in March 2023.

• Collaborate with all stakeholders viz. Central Ministries and departments, States, UTs and municipalities to ensure the effective implementation of the New RoW Rules 2024, issued under the Telecommunications Act, 2023.

• To facilitate rollout of the 5G network, in nook and corner of the country and forfuturistic networks of 6G, work to create a robust, ready to use street furniture infrastructure across the country.

• To work with all stakeholders for Common/Shareable telecom ducts and utility corridors in all linear projects toimprove the maintenance and cost efficiency of telecom networks and other utilities.

• Leveraging Power Sector Assets Such as Optical Ground Wire (OPGW) for enhanced Broadband Connectivity and to improve broadband network reliability, survivability and resiliency during disasters, wars, and other emergencies, in far-flung, remote and hilly regions of the country, where traditional infrastructure might be challenging to deploy.

Q122. Answer: (a) Agnilet

The correct answer is Agnilet.

In News

• World's first fully 3D-printed single-piece rocket engine Agnilet launched May 2024.

Key Points

• Agnilet developed as fully 3D-printed single-piece liquid rocket engine by an Indian private space startup.

• Produced without assembled parts using advanced additive manufacturing techniques completely.

• Design eliminates leakage points simplifying manufacturing, quality control processes significantly.

• Liquid propellant engine powers small satellite launch vehicles efficiently.

• 3D-printing reduces fabrication time dramatically versus traditional machining methods.

• Innovation central to cost-effective, responsive small satellite launch capabilities.

• Highlights India's private sector space technology capabilities growth rapidly.

Additional Information

• Additive manufacturing builds components layer-by-layer from digital designs precisely.

• 3D-printed engines enable complex internal cooling channels impossible conventionally.

• Space sector reforms opened private participation beyond government organisations.

• Global companies pursuing 3D-printed rockets reducing production costs, timelines.

Q123. Answer: (e) Rs 1,50,000 crore

The correct answer is Rs 1,50,000 crore.

In News

• RBI fixed Ways and Means Advances limit at Rs 1,50,000 crore for H1 FY 2025-26.

Key Points

• RBI set WMA limit at Rs 1,50,000 crore for April-September 2025 to bridge temporary mismatches between government receipts and payments.

• The government can trigger fresh market borrowings once 75% of the WMA limit gets utilised ensuring smooth liquidity management.

• For H2 FY 2025-26 (October 2025-March 2026), WMA limit revised to Rs 50,000 crore reflecting seasonal cash flow patterns.

• Interest rate on WMA linked to prevailing policy repo rate while overdrafts beyond WMA attract additional 2% penalty.

• WMA limits reviewed periodically based on government cash management performance and market conditions.

• Mechanism prevents excessive volatility in government cash balances and money market interest rates effectively.

• Separate WMA limits exist for state governments managed through State Government Securities auctions.

Additional Information

• WMA authorised under Section 17 of RBI Act, 1934 as a short-term accommodation facility.

• Overdrafts beyond specified consecutive days trigger restrictions on further RBI drawings.

• WMA supplements but doesn't replace long-term deficit financing through bond markets.

• Cash Management Bills provide an alternative short-term instrument beyond WMA limits.

• RBI

• Established in - 1935

• HQ - Mumbai

• Governor - Sanjay Malhotra

Q124. Answer: (e) Indore

The correct answer is Indore.

In News

• Indore, the cleanest city in India for 7 consecutive years, launched India’s first PPP-based green waste processing plant.

• The plant is part of the Swachh Bharat Mission-Urban (SBM-U) initiative, aimed at converting green waste into valuable products, promoting sustainability and economic growth.

Key Points

• Indore has been recognized as the cleanest city in India for 7 consecutive years, highlighting its commitment to cleanliness and waste management.

• The plant is launched under the Swachh Bharat Mission-Urban (SBM-U) as part of India’s efforts to improve waste processing and promote sustainability.

• The initiative supports sustainability by converting green waste into useful products, such as compost and bioenergy.

• The PPP model brings together public and private sectors to jointly handle the green waste processing project, enabling better resource utilization and economic growth.

Additional Information

• What is PPP?

• Public Private Partnership (PPP) means an arrangement between a Government / statutory entity / Government owned entity on one side and a private sector entity on the other, for the provision of public assets and/or public services, through investments being made and/or management being undertaken by the private sector entity, for a specified period of time, where there is well defined allocation of risk between the private sector and the public entity and the private entity who is chosen on the basis of open competitive bidding, receives performance linked payments that conform (or are benchmarked) to specified and pre-determined performance standards, measurable by the public entity or its representative.

• Public-private partnerships (PPPs) can take a wide range of forms varying in the degree of purpose, involvement of the private entity, legal structure and risk sharing. A PPP is generally memorialized in a contract or agreement to outline the responsibilities of each party and clearly allocate risk. The broad contractual forms, as covered by extant policy include:

• DBFOT/BOT:

• The most common form of PPP used where the private sector operator designs, builds, finances, owns and constructs the facility and operates it commercially for the concession period, after which the facility is transferred to the authority. In this case legal ownership of the asset vests with the public sector the concession period ends. The most common form of a BOT project is a Toll Road project.

• Operations & Maintenance (Service contract):

• the Government bids out the right to deliver a specific service or gives part of the undertaking to the private sector for operations and maintenance of the assets. Such contracts are normally of a shorter duration than concession contracts.

• Lease, Develop, Operate and Maintain (a variation of BOT):

• Assets are leased out to the private sector under specific terms, to operate and maintain the asset for the term of the concession period.

• The Government has facilitated the PPP sector by offering:

• Viability Gap Funding Scheme (VGF) :

• Viability Gap Funding of upto 40% of the cost of the project can be accessed in the form of a capital grant.

• India Infrastructure Project Development Fund (IIPDF):

• Scheme supports the Central and the State Governments and local bodies through financial support for project development activities (feasibility reports, project structuring etc.) for PPP projects

• IIFCL:

• long-term debt for financing infrastructure projects that typically involve long gestation periods since debt finance for such projects should be of a sufficient.

• Foreign Direct Investment (FDI):

• upto 100% FDI in equity of SPVs in the PPP sector is allowed on the automatic route for most sectors.

Q125. Answer: (c) 39

The correct answer is 39.

In News

• In April 2025, the Geographical Indication (GI) Registry based in Chennai, Tamil Nadu granted GI tags to 7 more products from West Bengal, taking the total GI-tagged products of the state to 39.

Key Points

• The total number of GI-tagged products from West Bengal reached 39 as of April 2025.

• The GI tags were granted by the Geographical Indication (GI) Registry, Chennai, under DPIIT, Ministry of Commerce and Industry.

• The newly tagged 7 products include sweets, agricultural items, and textiles such as Nolen Gurer Sandesh, Baruipur Guavas, and Malda's Nistari Silk Yarn.

Additional Information

• 7 Newly GI-Tagged Products from West Bengal (April 2025)

• Nolen Gurer Sandesh – Traditional sweet

• Kamarpukur's White Bonde – Traditional sweet

• Murshidabad's Chhanabora – Traditional sweet

• Bishnupur's Motichur Laddoo – Traditional sweet

• Baruipur Guavas – Agricultural produce

• Radhunipagal Rice – Agricultural produce

• Malda's Nistari Silk Yarn – Textile product

• Geographical Indication (GI) Tag

• Granted under the Geographical Indications of Goods (Registration and Protection) Act, 1999.

• Identifies a product as originating from a particular place with unique qualities or reputation.

Q126. Answer: (c) Loan overdue for more than 90 days

The correct answer is Loan overdue for more than 90 days.

In News

• A loan account overdue for more than 90 days is classified as a Non-Performing Asset (NPA) under RBI prudential norms for banks.

Key Points

• Under RBI guidelines, a borrower account is classified as a Non-Performing Asset (NPA) when it ceases to generate income for the bank, specifically when principal or interest remains overdue for more than 90 days.

• NPAs are categorised into three sub-classes based on ageing: Substandard (up to 12 months), Doubtful (12-48 months), and Loss Assets (uncollectible), each requiring progressively higher provisioning.

• Banks must make provisioning requirements against NPAs: 15% for substandard, 25-100% for doubtful depending on duration, and 100% for loss assets, impacting their profitability and capital adequacy.

• The 90-day norm applies to term loans, but different past-due periods apply to other facilities: overdraft/loan current accounts (overdraft unused for 90 days), agricultural advances (2 crop seasons), and bills (90 days).

• Once classified as NPA, the entire loan amount (principal + interest) becomes overdue and non-accruing, meaning banks stop recognising interest income until actual recovery occurs.

• RBI mandates banks to review NPA accounts quarterly and upgrade them to standard category only upon satisfactory performance for specified periods after clearing all overdue amounts.

YourMockTest.com — Free Study Material

• High NPA levels affect banks' lending capacity, require capital infusion, and necessitate resolution through mechanisms like SARFAESI Act, IBC, or compromise settlements.

Additional Information

• NPA Classification Timeline

• Term Loans/Cash Credit: 90 days past due

• Agriculture Term Loans: 2 crop seasons

• Agriculture Crop Loans: 2 crop seasons from due date

• Provisioning Norms

• Substandard: 15% of outstanding + 25% of unsecured portion

• Doubtful up to 1yr: 25%; 1-3yr: 40%; >3yr: 100%

• Loss Assets: 100% provision

• Resolution Mechanisms

• SARFAESI Act (2002), Insolvency & Bankruptcy Code (2016), Debt Recovery Tribunals.

Q127. Answer: (c) 39th

The correct answer is 39th.

In News

• India ranked 39th in Global Innovation Index 2024 with score of 38.3, improving from 40th position and 38.1 score in GII 2023.

Key Points

• India climbed to 39th position among 133 economies in GII 2024, scoring 38.3 compared to 40th rank and 38.1 score in the previous year's index.

• Switzerland topped GII 2024 for the 14th consecutive year, followed by Sweden at second and United States at third position in innovation rankings.

• GII evaluates economies using 80 indicators across seven pillars: Institutions, Human Capital & Research, Infrastructure, Market Sophistication, Business Sophistication, Knowledge & Technology Outputs, Creative Outputs.

• The index comprises two sub-indices: Innovation Input Sub-Index covering five input pillars and Innovation Output Sub-Index spanning two output pillars.

• India, Moldova, and Vietnam recognised as consistent innovation overperformers relative to development levels for 14 consecutive years.

• China stands as only middle-income economy in GII top 30 at 11th position, while India maintains top 40 presence through sustained innovation investments.

Additional Information

Ranking	Country	Score
1	Switzerland	67.5
2	Sweden	64.5
3	USA	62.4
4	Singapore	61.2
5	United Kingdom	61.0
39	India	38.3

• GII co-published annually since 2007 by WIPO, INSEAD, and Cornell University serves policymakers tracking innovation trends addressing global challenges.

• Middle-income climbers like Saudi Arabia, Qatar, Brazil, Indonesia, Mauritius, Pakistan showed largest ranking improvements in GII 2024.

Q128. Answer: (c) Rs 37,216 crore

The correct answer is Rs 37,216 crore.

In News

• The Union Cabinet approved Rs 37,216 crore as subsidy on phosphatic and potassic (P&K) fertilisers for the Kharif season under the NBS scheme.

Key Points

• The Cabinet clearance of Rs 37,216 crore supports farmers by keeping P&K fertiliser prices at reasonable levels during Kharif.

• The subsidy is provided under the Nutrient-Based Subsidy scheme, which fixes per kg nutrient rates for N, P, K, and S.
• The decision considers international prices of fertilisers and raw materials, rupee exchange rate, and freight costs.
• The subsidy aims to promote balanced fertiliser use and prevent overuse of urea relative to P&K nutrients.
• It helps protect farmers from volatility in global fertiliser markets and ensures timely availability.
• The scheme is implemented by the Ministry of Chemicals and Fertilisers in coordination with fertiliser companies.
• It supports the government's broader objective of food security and sustainable agricultural productivity.

Additional Information

• The NBS scheme was introduced in April 2010.
• Kharif season runs roughly from June to October and depends heavily on the south-west monsoon.
• Balanced NPK use is critical for maintaining soil health and long-term productivity.
• Fertiliser subsidy forms a significant part of the Government of India’s agriculture-related expenditure.

Q129. Answer: (e) Kenya, India, and China

The correct answer is Kenya, India, and China.

In News

• Kenya, India, and China are among the world’s leading tea-producing countries in 2024.

Key Points

• China is the largest tea producer globally, with diverse varieties such as green, black, oolong, and white tea.
• India is a major producer and exporter, known for Assam, Darjeeling, Nilgiri, and other regional tea varieties.
• Kenya is one of the top black tea exporters and a key supplier to global tea auctions and blends.
• These three countries together contribute a significant share of global tea output and exports.
• Their tea sectors support millions of smallholders, plantation workers, and value-chain participants.
• Climatic conditions in high-rainfall and hilly regions of these countries favour tea cultivation.
• Tea remains an important agricultural export commodity and foreign exchange earner for all three nations.

Additional Information

• Tea is one of the most widely consumed beverages in the world after water.
• Global tea trade is influenced by climate change, labour costs, and shifting consumer preferences.
• Value addition through branded and specialty teas increases export earnings.
• Sustainability certifications are increasingly important in global tea supply chains.

Q130. Answer: (d) ESA

The correct answer is European Space Agency (ESA).

In News

• European Space Agency launched Gaia Telescope in December 2013 for Milky Way stereoscopic census.

Key Points

• ESA's Gaia mission, launched on 19 December 2013, charts a 3D map of the Milky Way revealing its composition, formation, and evolution.
• It monitors a billion stars to magnitude G=20, providing positional and radial velocity measurements with exceptional accuracy.
• The spacecraft features two telescopes with 106.5° separation and rectangular primary mirrors of 0.7 m² collecting area optimised for space.
• Space-based observations eliminate atmospheric distortion, yielding superior accuracy compared to ground-based telescopes.
• Gaia has discovered exoplanets, brown dwarfs, and observed 500,000 quasars to test General Relativity stringently.
• Gaia Data Releases provide public access to stellar positions, parallaxes, proper motions, photometry, and spectroscopy.
• The mission reveals Local Group dynamics and galactic structure formation history comprehensively.

Additional Information

• Astrometry measures celestial positions, distances, and motions precisely, fundamental to astronomy.
• Gaia's focal plane contains the largest billion-pixel camera ever used for space astrometry.
• Rectangular mirrors maximise space efficiency within spacecraft constraints effectively.
• Data Releases (DR1, DR2, DR3) progressively refine parameters for billions of stars.
• European Space Agency
• Established in - 1975
• HQ - Paris, France

Q131. Answer: (d) BE

The correct answer is Option 4.

Key Points

• In part B: "Each of these shops were selling unique handicrafts and souvenirs." The phrase "Each of these shops were" is incorrect. The subject "Each" is singular, so it should be "Each of these shops was" instead of "were".

• In part E: "By the time I left, my bags was filled with treasures." The subject "bags" is plural, so it should be "my bags were" instead of "was".

• Thus, the errors are located in parts B and E of the sentence.

Therefore, the correct answer is BE.

Correct Sentences: "Each of these shops was selling unique handicrafts and souvenirs."

"By the time I left, my bags were filled with treasures."

Additional Information

• A: "Walking through the old town, I encountered a variety of fascinating shops," – This part of the sentence is grammatically correct and does not require any changes.

• C: "The vibrant colours and intricate designs caught my eye." – This part of the sentence is grammatically correct and does not require any changes.

• D: "I spent hours exploring each store's offerings." – This part of the sentence is grammatically correct and does not require any changes.

• No error – This would be the correct option if there were no mistakes in the sentence, but there are errors in parts B and E.

Q132. Answer: (b) BD

The correct answer is Option 2.

Key Points

• In part B: "There was thousands of people in attendance, cheering and singing along." The phrase "There was thousands" is incorrect. The subject "thousands" is plural, so it should be "There were thousands" instead of "was".

• In part D: "Everyone were dancing and having a great time." The subject "Everyone" is singular, so it should be "Everyone was" instead of "were".

• Thus, the errors are located in parts B and D of the sentence.

Therefore, the correct answer is BD.

Correct Sentences: "There were thousands of people in attendance, cheering and singing along."

"Everyone was dancing and having a great time."

Additional Information

• A: "The concert was an incredible experience that I will never forget," – This part of the sentence is grammatically correct and does not require any changes.

• C: "The band played all their popular songs." – This part of the sentence is grammatically correct and does not require any changes.

• E: "By the end, we all felt exhausted but happy." – This part of the sentence is grammatically correct and does not require any changes.

• No error – This would be the correct option if there were no mistakes in the sentence, but there are errors in parts B and D.

Q133. Answer: (c) to address

The correct answer is 'to address'.

Key Points

• The passage discusses the necessity for world leaders to consider ecological concerns.

• The appropriate phrase should indicate an action to deal with or address climate-related challenges.

• "To address" fits well as it denotes taking up the issues, which aligns with the context of the passage.

• Other options ("took on", "bring about", "force stricter", "cut down") do not fit the context as accurately as "to address".

Therefore, the correct answer is 'Option 3'.

Complete Passage: The global community is currently facing a pivotal moment in climate history. To prevent further degradation, world leaders have gathered to address the growing list of ecological concerns. It is no longer enough to simply discuss change; we must find ways to _____(B) a revolution in green technology. Many nations have ____(C) the monumental task of transitioning to renewable energy, though the economic burden is significant. In urban sectors, there is a desperate need to ____(D) carbon emissions by at least 40% within the decade. To ensure compliance, regulatory bodies plan to ____(E) regulations on industrial waste. Interestingly, the commitment ____(F) these issues has led to a ripple effect; as one country decides to ____(G) positive shifts in policy, others feel the pressure to address the same challenges. However, many corporations

have ____(I) more responsibility than they can handle. To successfully ____(J) on pollution, they must ____(K) measures on their supply chains. The goal is to ____(L) a cleaner future, but this requires everyone to address the reality of the situation. Ultimately, if we don't _____(N) stricter rules now, the damage may be irreversible.

Additional Information

• Took on: "Took on" means assumed responsibility, which does not fit all the contexts where facing or addressing the issue is required.

• Bring about: "Bring about" means to cause something to happen, which does not fit all the contexts about dealing with challenges.

• Force stricter: "Force stricter" means to impose more rigorous rules, which does not fit all the contexts of addressing or facing ecological concerns.

• Cut down: "Cut down" means to reduce, which does not fit all the contexts where addressing or facing the issue is needed.

Q134. Answer: (b) bring about

The correct answer is 'bring about'.

Key Points

• The passage discusses the need to find ways to cause or initiate significant changes in green technology.

• The appropriate phrase should indicate an action to cause or produce positive shifts in policy and a cleaner future.

• "Bring about" fits well as it denotes causing something to happen, which aligns with the context of the passage.

• Other options ("took on", "to address", "force stricter", "cut down") do not fit the context as accurately as "bring about".

Therefore, the correct answer is 'Option 2'.

Complete Passage: The global community is currently facing a pivotal moment in climate history. To prevent further degradation, world leaders have gathered to address the growing list of ecological concerns. It is no longer enough to simply discuss change; we must find ways to bring about a revolution in green technology. Many nations have _____(C) the monumental task of transitioning to renewable energy, though the economic burden is significant. In urban sectors, there is a desperate need to ____(D) carbon emissions by at least 40% within the decade. To ensure compliance, regulatory bodies plan to ____(E) regulations on industrial waste. Interestingly, the commitment ____(F) these issues has led to a ripple effect; as one country decides to bring about positive shifts in policy, others feel the pressure to address the same challenges. However, many corporations have ____(I) more responsibility than they can handle. To successfully ____(J) on pollution, they must ____(K) measures on their supply chains. The goal is to bring about a cleaner future, but this requires everyone to address the reality of the situation. Ultimately, if we don't _____(N) stricter rules now, the damage may be irreversible.

Additional Information

• Took on: "Took on" means assumed responsibility, which does not fit all the contexts of causing or initiating significant changes.

• To address: "To address" means to deal with or discuss, which does not fit all the contexts about causing significant and positive changes.

• Force stricter: "Force stricter" means to impose more rigorous rules, which does not fit all the contexts of causing or initiating positive changes.

• Cut down: "Cut down" means to reduce, which does not fit all the contexts of causing significant changes for a cleaner future.

Q135. Answer: (a) took on

The correct answer is 'took on'.

Key Points

• The passage discusses nations and corporations assuming responsibility for transitioning to renewable energy and handling more ecological responsibility than they can manage.

• The appropriate phrase should indicate the assumption of a significant task or responsibility.

• "Took on" fits well as it denotes assuming responsibility, which aligns with the context of the passage.

• Other options ("bring about", "to address", "force stricter", "cut down") do not fit the context as accurately as "took on".

Therefore, the correct answer is 'Option 1'.

Complete Passage: The global community is currently facing a pivotal moment in climate history. To prevent further degradation, world leaders have gathered to address the growing list of ecological concerns. It is no longer enough to simply discuss change; we must find ways to bring about a revolution in green technology. Many nations have took on the monumental task of transitioning to renewable energy, though the economic burden is significant. In urban sectors, there is a desperate need to _____(D) carbon emissions by at least 40% within the decade. To ensure compliance, regulatory bodies plan to ____(E) regulations on industrial waste. Interestingly, the commitment ____(F) these issues has led to a ripple effect; as one country decides to bring about positive shifts in policy, others feel the pressure to address the same challenges. However, many corporations have took on more responsibility than they can handle. To successfully ____(J) on pollution, they must ____(K) measures on their supply chains. The goal is to bring about a cleaner future, but this requires everyone to address the reality of the situation. Ultimately, if we don't _____(N) stricter rules now, the damage may be irreversible.

Additional Information

• Bring about: "Bring about" means to cause something to happen, which does not fit the contexts of assuming responsibility.

• To address: "To address" means to deal with or discuss, which does not fit the context of assuming responsibility.

• Force stricter: "Force stricter" means to impose more rigorous rules, which does not fit the context of assuming responsibility.

• Cut down: "Cut down" means to reduce, which does not fit the context of assuming a significant task or responsibility.

Q136. Answer: (d) force stricter

The correct answer is 'force stricter'.

Key Points

• The passage discusses regulatory bodies ensuring compliance by imposing more rigorous rules and measures to reduce industrial waste and pollution.

• The appropriate phrase should indicate the action of imposing more rigorous rules or measures.

• "Force stricter" fits well as it denotes imposing more rigorous rules, which aligns with the context of the passage.

• Other options ("took on", "bring about", "to address", "cut down") do not fit the context as accurately as "force stricter".

Therefore, the correct answer is 'Option 4'.

Complete Passage: The global community is currently facing a pivotal moment in climate history. To prevent further degradation, world leaders have gathered to address the growing list of ecological concerns. It is no longer enough to simply discuss change; we must find ways to bring about a revolution in green technology. Many nations have took on the monumental task of transitioning to renewable energy, though the economic burden is significant. In urban sectors, there is a desperate need to _____(D) carbon emissions by at least 40% within the decade. To ensure compliance, regulatory bodies plan to force stricter regulations on industrial waste. Interestingly, the commitment ____(F) these issues has led to a ripple effect; as one country decides to bring about positive shifts in policy, others feel the pressure to address the same challenges. However, many corporations have took on more responsibility than they can handle. To successfully _____(J) on pollution, they must force stricter measures on their supply chains. The goal is to bring about a cleaner future, but this requires everyone to address the reality of the situation. Ultimately, if we don't force stricter stricter rules now, the damage may be irreversible.

Additional Information

• Took on: "Took on" means assumed responsibility, which does not fit the contexts of imposing more rigorous rules or measures.

• Bring about: "Bring about" means to cause something to happen, which does not fit the context of imposing rules.

• To address: "To address" means to deal with or discuss, which does not fit the context of imposing more rigorous rules.

• Cut down: "Cut down" means to reduce, which does not fit the context of imposing more rigorous rules.

Q137. Answer: (e) cut down

The correct answer is 'cut down'.

Key Points

• The passage discusses the need to reduce carbon emissions and pollution.

• The appropriate phrase should indicate the action of reducing or lowering something.

• "Cut down" fits well as it denotes the action of reducing, which aligns with the context of the passage.

• Other options ("took on", "bring about", "to address", "force stricter") do not fit the context as accurately as "cut down".

Therefore, the correct answer is 'Option 5'.

Complete Passage: The global community is currently facing a pivotal moment in climate history. To prevent further degradation, world leaders have gathered to address the growing list of ecological concerns. It is no longer enough to simply discuss change; we must find ways to bring about a revolution in green technology. Many nations have took on the monumental task of transitioning to renewable energy, though the economic burden is significant. In urban sectors, there is a desperate need to cut down carbon emissions by at least 40% within the decade. To ensure compliance, regulatory bodies plan to force stricter regulations on industrial waste. Interestingly, the commitment _____(F) these issues has led to a ripple effect; as one country decides to bring about positive shifts in policy, others feel the pressure to address the same challenges. However, many corporations have took on more responsibility than they can handle. To successfully cut down on pollution, they must force stricter measures on their supply chains. The goal is to bring about a cleaner future, but this requires everyone to address the reality of the situation. Ultimately, if we don't force stricter stricter rules now, the damage may be irreversible.

Additional Information

• Took on: "Took on" means assumed responsibility, which does not fit the context of reducing.

• Bring about: "Bring about" means to cause something to happen, which does not fit the context of reducing.

• To address: "To address" means to deal with or discuss, which does not fit the context of reducing.

• Force stricter: "Force stricter" means to impose more rigorous rules, which does not fit the context of reducing.

Q138. Answer: (b) To assess the current state of adult literacy and educational factors.

The correct answer is Option 2.

Key Points

• The primary aim of the survey conducted by EduCon Research was to assess the current state of adult literacy and the factors influencing educational pursuits among adults.

• The passage provides a comprehensive overview of the survey's objectives and findings, highlighting the focus on literacy rates, vocational training, and educational motivations.

• The survey involved over 10,000 respondents from urban and rural areas of India to gather a broad perspective on adult education.

• The survey also explored various social and personal motivations driving adults to pursue education, among other aspects.

Therefore, the correct answer is Option 2.

Correct Sentence: "In the fourth quarter of 2025, a comprehensive survey on adult education was conducted by EduCon Research, a reputable company specialising in educational studies. The primary aim of the survey was to assess the current state of adult literacy and the factors influencing educational pursuits among adults in various demographics."

Additional Information

• Option 1: "To improve internet connectivity in rural areas" – This was mentioned as a challenge in rural areas but not as the primary aim of the survey.

• Option 3: "To compare healthcare systems in urban and rural areas" – This was not the focus of the survey, though healthcare vocational training was discussed.

• Option 4: "To evaluate the effectiveness of vocational training programmes" – Vocational training was a part of the survey, but the primary aim was broader.

• Option 5: "To examine the impact of OECD on financial independence" – The impact of OECD was mentioned, but not as the survey's primary aim.

Q139. Answer: (d) There was a growing interest in vocational courses in the healthcare sector.

The correct answer is Option 4.

Key Points

• One of the significant findings from the EduCon Research survey was the growing interest among adults in enrolling in vocational courses, particularly in the healthcare sector.

• The passage emphasizes the popularity of healthcare-related courses such as handling injection needles, basic patient care, and administrative work in healthcare facilities.

• These courses not only offered the prospects of improving income but also addressed workforce shortages in the essential healthcare services sector.

• This notable finding highlights the demand for vocational training and its potential impact on both individuals and the healthcare sector.

Therefore, the correct answer is Option 4.

Correct Sentence: "Another noteworthy aspect of the survey was the focus on vocational training, especially in the healthcare sector. EduCon Research discovered that there was a growing interest among adults to enrol in vocational courses that provided... Courses on handling injection needles, basic patient care, and administrative work in healthcare facilities were particularly popular."

Additional Information

• Option 1: "Rural literacy rates were higher than urban literacy rates" – The passage states the opposite, that urban literacy rates were higher.

• Option 2: "The Organisation for Economic Co-operation and Development (OECD) played no role in adult education" – This is incorrect because the OECD's role in promoting adult education was highlighted in the passage.

• Option 3: "Rural areas had better access to libraries and internet facilities" – The passage indicates that urban areas had better access to these resources.

• Option 5: "Urban and rural literacy rates were the same" – The passage clearly states there was a disparity between urban (85%) and rural (62%) literacy rates.

Q140. Answer: (c) High crime rates.

The correct answer is Option 3.

Key Points

• The passage does not mention high crime rates as a challenge faced by rural areas in the context of adult education.

• Instead, it highlights challenges such as insufficient schools, lack of study materials, and poor internet connectivity.

• These mentioned factors contribute to the lower literacy rates in rural regions compared to urban areas.

• The passage focuses on educational and infrastructural challenges, not on security or crime-related issues.

Therefore, the correct answer is Option 3.

Correct Sentence: "Conversely, rural areas faced challenges such as insufficient schools, lack of study materials, and poor internet connectivity."

Additional Information

• Option 1: "Insufficient schools" – This challenge is explicitly mentioned in the passage as faced by rural areas.

• Option 2: "Lack of study materials" – This challenge is also identified in the passage as a problem in rural regions.

• Option 4: "Poor internet connectivity" – This factor is highlighted in the passage as a challenge for rural areas.

• Option 5: "Lack of healthcare facilities" – Although healthcare is discussed in the passage, the focus is on vocational training, not on the lack of healthcare facilities as an educational challenge.

Q141. Answer: (b) Only B

The correct answer is Option 2.

Key Points

• Statement A: The growing interest in vocational training among adults is particularly popular in courses related to healthcare.

• This statement is correct as it accurately reflects the context provided in the passage.

• Statement B: The survey received responses from individuals aged 18 to 70 years old.

• The passage mentions that the survey involved respondents with an age range of 18 to 60 years, not 70 years. Therefore, this statement is incorrect.

• Statement C: The OECD's Programme for the International Assessment of Adult Competencies (PIAAC) helps align adult education programmes with global benchmarks.

• This statement is correct as it aligns with the information provided in the passage about the PIAAC's role.

• Hence, the statement B is identified as incorrect in the context of the passage.

Therefore, the correct answer is: 'Only B'.

Q142. Answer: (c) The literacy gap could be narrowed by improving rural education infrastructure.

The correct answer is 'Option 3'.

Key Points

• 1) Vocational training in healthcare is considered non-essential.

• This cannot be inferred from the passage. The passage indicates that vocational training in healthcare is gaining popularity and is essential for improving income and addressing workforce shortages.

• 2) Personal development is not a motivator for adult education.

• This cannot be inferred from the passage. The passage explicitly mentions personal development as one of the key motivators for adults pursuing education.

• 3) The literacy gap could be narrowed by improving rural education infrastructure.

• This can be inferred from the passage. The passage highlights that higher literacy rates in urban areas are attributed to better access to educational institutions and facilities, suggesting that improving similar infrastructure in rural areas could help narrow the literacy gap.

• 4) Urban literacy rates are declining due to lack of vocational courses.

• This cannot be inferred from the passage. The passage does not suggest that urban literacy rates are declining; it focuses on the disparity between urban and rural literacy rates.

• 5) EduCon Research covers multiple countries in their surveys.

• This cannot be inferred from the passage. The passage specifically mentions the survey was conducted in India and does not provide information about EduCon Research conducting surveys in multiple countries.

Therefore, the correct answer is Option 3.

Q143. Answer: (d) Immediate employment opportunities

The correct answer is 'immediate employment opportunities'.

Key Points

• The blank in the passage suggests that the vocational courses should offer something that attracts adult learners.

• Among the given options, "immediate employment opportunities" fits best as it provides a direct benefit to the learners, aligning with the emphasis on improving income and addressing workforce shortages.

Therefore, the correct answer is 'Option 4'.

Complete Sentence: EduCon Research discovered that there was a growing interest among adults to enrol in vocational courses that provided immediate employment opportunities.

Additional Information

• Higher internet connectivity: while important, it does not directly relate to the vocational course content.

• Longer study periods: could be a deterrent rather than an attractive feature.

• Better housing facilities: unrelated to the primary aim of the vocational courses.

• Leisure and recreation options: do not align with educational goals.

Q144. Answer: (d) Gap

The solution is in Hindi. Read it online.

Q145. Answer: (d) Opportunities

The solution is in Hindi. Read it online.

Q146. Answer: (e) C-iii-F

The correct answer is option 5.

Key Points

To answer this question, first, let's look at the given phrases in the table:

• A. The team celebrated the victory,

• This phrase discusses a group rejoicing after winning.

• B. The store offered a discount on all items,

• This phrase indicates a shop giving a price reduction on every product.

• C. She enjoyed painting as a hobby,

• This phrase mentions someone taking pleasure in painting during their leisure time.

• D. there was a sense of accomplishment among all members.

• This phrase indicates a feeling of achievement within a group.

• E. to attract more customers.

• This phrase indicates the goal of the store's discount.

• F. she had little time for it during the week.

• This phrase refers to someone having very limited time to engage in painting during weekdays.

Now, let's understand the meanings of the given connectors in the question:

• i. although

• It means "in spite of the fact that," indicating a contrast.

• For Example:

• Although it was raining, they went for a walk.

• ii. when

• It means "at the time that," indicating a specific point in time.

• For Example:

• When it started to snow, they built a snowman.

• iii. even though

• It means "despite the fact that," indicating a contrast, similar to "although."

• For Example:

• Even though she was tired, she finished her homework.

• So, after understanding the given phrases and the connectors, we can conclude that the combination C-iii-F can make a grammatically and contextually meaningful sentence:

• The complete coherent sentence would be: "She enjoyed painting as a hobby, even though she had little time for it during the week."

• Therefore, the correct answer is "C-iii-F."

Q147. Answer: (d) A-iii-D, B-ii-E and C-i-F

The correct answer is option 4.

Key Points

To answer this question, first, let's look at the given phrases in the table:

• A. He completed his assignment on time,

• This phrase indicates finishing work within the deadline.

• B. The storm caused widespread damage,

• This phrase describes the extensive destruction caused by a storm.
• C. She studied diligently for the final exam,
• This phrase refers to someone putting a lot of effort into studying for an important test.
• D. the success did not come as a surprise to him.
• This phrase suggests that the person expected the success.
• E. many residents heeded the warnings and took precautions.
• This phrase indicates that people followed the advice and prepared accordingly.
• F. still she felt anxious about the results.
• This phrase shows that despite her efforts, she was worried about the outcome.
Now, let's understand the meanings of the given connectors in the question:
• i. but
• It indicates a contrast between two statements.
• For Example:
• He wanted to go out, but it was raining.
• ii. although
• It means "in spite of the fact that," indicating a contrast.
• For Example:
• Although it was raining, they went for a walk.
• iii. and
• It is used to connect words of the same part of speech, clauses, or sentences, that are to be taken jointly.
• For Example:
• She read the book and enjoyed it.
• So, after understanding the given phrases and the connectors, we can conclude that the combinations A-iii-D, B-ii-E, and C-i-F can make grammatically and contextually meaningful sentences:
• The complete coherent sentences would be:
• "He completed his assignment on time, and the success did not come as a surprise to him."
• "The storm caused widespread damage, although many residents heeded the warnings and took precautions."
• "She studied diligently for the final exam, but still she felt anxious about the results."
• Therefore, the correct answer is "A-iii-D, B-ii-E and C-i-F."

Q148. Answer: (d) A-ii-E and B-iii-F

The correct answer is option 4.
Key Points
To answer this question, first, let's look at the given phrases in the table:
• A. The scientists conducted numerous experiments,
• This phrase indicates researchers performing a large number of tests.
• B. The company experienced a surge in profits,
• This phrase describes a business seeing a significant increase in earnings.
• C. She felt overwhelmed by the workload,
• This phrase refers to someone feeling stressed due to a large amount of work.
• D. their continuous efforts to improve the process.
• This phrase suggests ongoing attempts to enhance a procedure.
• E. they wanted to discover a cure for the disease.
• This phrase indicates the aim of the scientists' experiments.
• F. the implementation of the new marketing strategy.
• This phrase refers to putting a new advertising plan into action.
Now, let's understand the meanings of the given connectors in the question:
• i. despite
• It means "in spite of," indicating a contrast.
• For Example:
• Despite the rain, they went outside.
• ii. because

• It means "due to the fact that," indicating a reason.

• For Example:

• They stayed indoors because it was raining.

• iii. therefore

• It means "for that reason," indicating a consequence.

• For Example:

• It was raining; therefore, they stayed indoors.

• So, after understanding the given phrases and the connectors, we can conclude that the combinations A-ii-E and B-iii-F can make grammatically and contextually meaningful sentences:

• The complete coherent sentences would be:

• "The scientists conducted numerous experiments, because they wanted to discover a cure for the disease."

• "The company experienced a surge in profits, therefore the implementation of the new marketing strategy."

• Therefore, the correct answer is "A-ii-E and B-iii-F."

Q149. Answer: (b) B

The correct answer is option 2 i.e. B

• The main theme of the passage is the center and guidelines for holding online conferences, seminars, and training sessions it also describes the preferences and instructions for the event organizer. It is given in sentence 5 that the effect of such a vague and abstruse set of instructions could only be to abandon efforts to organize conferences.

• In sentence A it is given that 'the Education Ministry's ill-thought-out guidelines for holding online conferences, seminars, and training sessions.'

• In sentence C it is given that 'Academicians and others organizing the events were, as per the January circular, required to get prior official approval and ensure that the conference' that is similar to sentence A.

• In sentence D it is given that 'Event organizers were also mandated to give preference to technological tools and channels' which is further information of sentence C.

• In sentence E it is given that 'efforts to organize conferences' is similar to the theme of sentences A, C and D.

• On the other hand, sentence B does not match the theme because it is talking about judicial response and bail process which is completely different from the main theme of the coherent paragraph.

Correct answer: 'It should also be underscored that such bail orders should not be rare or special, but be routine judicial responses to cases in which there is a mismatch between the accusation and the evidence.'

Q150. Answer: (b) A

The correct answer is 'A.'

Key Points

• The correct sequence or order of the segments after rearrangement is C2A4DEB.

• The sentence 'C' is independent of any other sentence as it introduces the two missions the ISRO has launched in the five months since its success with Chandrayaan-3.

• The second sentence gives further information about the XPoSat.

• Sentence A will come after the second sentence as it talks about the relative timing of the launches of the XPoSat.

• The fourth sentence says the ISRO's science-oriented missions have all been exceptional in their own right.

• Sentence D will come after the fourth sentence as it gives an example to prove the fourth sentence true, as it says XPoSat is only the second space-based experiment to study X-ray polarisation, and at higher X-ray energies than the other, NASA's Imaging X-ray Polarimetry Explorer.

• Sentence E will come after D as it further gives information about the XPoSat that its POLIX payload, realized by the Raman Research Institute, will track X-rays in the 8-30 kilo-electron-volt (keV) energy range and observe emissions from around 50 sources in five years.

• The sentence 'B' is the concluding or seventh sentence as it talks about the XSPECT payload, by ISRO's U.R. Rao Satellite Centre, which will study X-rays of energy 0.8-15 keV and changes in continuous X-ray emissions.

Hence, the correct answer is option 2.

Paragraph after rearranging the sentences: Two missions the ISRO has launched in the five months since its success with Chandrayaan-3 have both been scientific: the Aditya L-1 space probe to study the sun and the X-ray Polarimeter Satellite (XPoSat) to study polarised X-rays emitted in astrophysical phenomena. ISRO launched the XPoSat, in a two-part mission, onboard a Polar Satellite Launch Vehicle (PSLV) on its C58 flight on January 1. The relative timing of these launches may be a coincidence but it is heartening because the ratio of scientific to technological missions ISRO has launched is skewed in favour of the latter, at the expense of research in the sense of discovery. Those science-oriented missions have all been exceptional in their own right. For example, XPoSat is only the second space-based experiment to study X-ray polarisation, and at higher X-ray

energies than the other, NASA's Imaging X-ray Polarimetry Explorer. Its POLIX payload, realized by the Raman Research Institute, will track X-rays in the 8-30 kilo-electron-volt (keV) energy range and observe emissions from around 50 sources in five years. The XSPECT payload, by ISRO's U.R. Rao Satellite Centre, will study X-rays of energy 0.8-15 keV and changes in continuous X-ray emissions.

Additional Information

• Important Rules to Solve the Para Jumbles:

• Read the sentences attentively, try to comprehend the idea or theme of the sentence, and eliminate the irrelevant options.

• Try to identify the opening (independent sentence) and closing sentences (concluding sentence).

• Try to identify the mandatory pairs, two sentences can be connected through various connectors and other determinants.

Q151. Answer: (a) B

The correct answer is 'B.'

Key Points

• The correct sequence or order of the segments after rearrangement is C2A4DEB.

• The sentence 'C' is independent of any other sentence as it introduces the two missions the ISRO has launched in the five months since its success with Chandrayaan-3.

• The second sentence gives further information about the XPoSat.

• Sentence A will come after the second sentence as it talks about the relative timing of the launches of the XPoSat.

• The fourth sentence says the ISRO's science-oriented missions have all been exceptional in their own right.

• Sentence D will come after the fourth sentence as it gives an example to prove the fourth sentence true as it says XPoSat is only the second space-based experiment to study X-ray polarisation, and at higher X-ray energies than the other, NASA's Imaging X-ray Polarimetry Explorer.

• Sentence E will come after D as it further gives information about the XPoSat that its POLIX payload, realized by the Raman Research Institute, will track X-rays in the 8-30 kilo-electron-volt (keV) energy range and observe emissions from around 50 sources in five years.

• The sentence 'B' is the concluding or seventh sentence as it talks about the XSPECT payload, by ISRO's U.R. Rao Satellite Centre, which will study X-rays of energy 0.8-15 keV and changes in continuous X-ray emissions.

Hence, the correct answer is option 1.

Paragraph after rearranging the sentences: Two missions the ISRO has launched in the five months since its success with Chandrayaan-3 have both been scientific: the Aditya L-1 space probe to study the sun and the X-ray Polarimeter Satellite (XPoSat) to study polarised X-rays emitted in astrophysical phenomena. ISRO launched the XPoSat, in a two-part mission, onboard a Polar Satellite Launch Vehicle (PSLV) on its C58 flight on January 1. The relative timing of these launches may be a coincidence but it is heartening because the ratio of scientific to technological missions ISRO has launched is skewed in favour of the latter, at the expense of research in the sense of discovery. Those science-oriented missions have all been exceptional in their own right. For example, XPoSat is only the second space-based experiment to study X-ray polarisation, and at higher X-ray energies than the other, NASA's Imaging X-ray Polarimetry Explorer. Its POLIX payload, realized by the Raman Research Institute, will track X-rays in the 8-30 kilo-electron-volt (keV) energy range and observe emissions from around 50 sources in five years. The XSPECT payload, by ISRO's U.R. Rao Satellite Centre, will study X-rays of energy 0.8-15 keV and changes in continuous X-ray emissions.

Q152. Answer: (a) D

The correct answer is 'D.'

Key Points

• The correct sequence or order of the segments after rearrangement is C2A4DEB.

• The sentence 'C' is independent of any other sentence as it introduces the two missions the ISRO has launched in the five months since its success with Chandrayaan-3.

• The second sentence gives further information about the XPoSat.

• Sentence A will come after the second sentence as it talks about the relative timing of the launches of the XPoSat.

• The fourth sentence says the ISRO's science-oriented missions have all been exceptional in their own right.

• Sentence D will come after the fourth sentence as it gives an example to prove the fourth sentence true as it says XPoSat is only the second space-based experiment to study X-ray polarisation, and at higher X-ray energies than the other, NASA's Imaging X-ray Polarimetry Explorer.

• Sentence E will come after D as it further gives information about the XPoSat that its POLIX payload, realized by the Raman Research Institute, will track X-rays in the 8-30 kilo-electron-volt (keV) energy range and observe emissions from around 50 sources in five years.

• The sentence 'B' is the concluding or seventh sentence as it talks about the XSPECT payload, by ISRO's U.R. Rao Satellite Centre, which will study X-rays of energy 0.8-15 keV and changes in continuous X-ray emissions.

Hence, the correct answer is option 1.

Paragraph after rearranging the sentences: Two missions the ISRO has launched in the five months since its success with Chandrayaan-3 have both been scientific: the Aditya L-1 space probe to study the sun and the X-ray Polarimeter Satellite (XPoSat) to study polarised X-rays emitted in astrophysical phenomena. ISRO launched the XPoSat, in a two-part mission, onboard a Polar Satellite Launch Vehicle (PSLV) on its C58 flight on January 1. The relative timing of these launches may be a coincidence but it is heartening because the ratio of scientific to technological missions ISRO has launched is skewed in favour of the latter, at the expense of research in the sense of discovery. Those science-oriented missions have all been exceptional in their own right. For example, XPoSat is only the second space-based experiment to study X-ray polarisation, and at higher X-ray energies than the other, NASA's Imaging X-ray Polarimetry Explorer. Its POLIX payload, realized by the Raman Research Institute, will track X-rays in the 8-30 kilo-electron-volt (keV) energy range and observe emissions from around 50 sources in five years. The XSPECT payload, by ISRO's U.R. Rao Satellite Centre, will study X-rays of energy 0.8-15 keV and changes in continuous X-ray emissions.

Q153. Answer: (d) C

The correct answer is 'C.'

Key Points

• The correct sequence or order of the segments after rearrangement is C2A4DEB.

• The sentence 'C' is independent of any other sentence as it introduces the two missions the ISRO has launched in the five months since its success with Chandrayaan-3.

• The second sentence gives further information about the XPoSat.

• Sentence A will come after the second sentence as it talks about the relative timing of the launches of the XPoSat.

• The fourth sentence says the ISRO's science-oriented missions have all been exceptional in their own right.

• Sentence D will come after the fourth sentence as it gives an example to prove the fourth sentence true as it says XPoSat is only the second space-based experiment to study X-ray polarisation, and at higher X-ray energies than the other, NASA's Imaging X-ray Polarimetry Explorer.

• Sentence E will come after D as it further gives information about the XPoSat that its POLIX payload, realized by the Raman Research Institute, will track X-rays in the 8-30 kilo-electron-volt (keV) energy range and observe emissions from around 50 sources in five years.

• The sentence 'B' is the concluding or seventh sentence as it talks about the XSPECT payload, by ISRO's U.R. Rao Satellite Centre, which will study X-rays of energy 0.8-15 keV and changes in continuous X-ray emissions.

Hence, the correct answer is option 4.

Paragraph after rearranging the sentences: Two missions the ISRO has launched in the five months since its success with Chandrayaan-3 have both been scientific: the Aditya L-1 space probe to study the sun and the X-ray Polarimeter Satellite (XPoSat) to study polarised X-rays emitted in astrophysical phenomena. ISRO launched the XPoSat, in a two-part mission, onboard a Polar Satellite Launch Vehicle (PSLV) on its C58 flight on January 1. The relative timing of these launches may be a coincidence but it is heartening because the ratio of scientific to technological missions ISRO has launched is skewed in favour of the latter, at the expense of research in the sense of discovery. Those science-oriented missions have all been exceptional in their own right. For example, XPoSat is only the second space-based experiment to study X-ray polarisation, and at higher X-ray energies than the other, NASA's Imaging X-ray Polarimetry Explorer. Its POLIX payload, realized by the Raman Research Institute, will track X-rays in the 8-30 kilo-electron-volt (keV) energy range and observe emissions from around 50 sources in five years. The XSPECT payload, by ISRO's U.R. Rao Satellite Centre, will study X-rays of energy 0.8-15 keV and changes in continuous X-ray emissions.

Q154. Answer: (d) B

The correct answer is 'B.'

Key Points

• The correct sequence or order of the segments after rearrangement is C2A4DEB.

• The sentence 'C' is independent of any other sentence as it introduces the two missions the ISRO has launched in the five months since its success with Chandrayaan-3.

• The second sentence gives further information about the XPoSat.

• Sentence A will come after the second sentence as it talks about the relative timing of the launches of the XPoSat.

• The fourth sentence says the ISRO's science-oriented missions have all been exceptional in their own right.

• Sentence D will come after the fourth sentence as it gives an example to prove the fourth sentence true as it says XPoSat is only the second space-based experiment to study X-ray polarisation, and at higher X-ray energies than the other, NASA's Imaging X-ray Polarimetry Explorer.

• Sentence E will come after D as it further gives information about the XPoSat that its POLIX payload, realized by the Raman Research Institute, will track X-rays in the 8-30 kilo-electron-volt (keV) energy range and observe emissions from around 50 sources in five years.

• The sentence 'B' is the concluding or seventh sentence as it talks about the XSPECT payload, by ISRO's U.R. Rao Satellite Centre, which will study X-rays of energy 0.8-15 keV and changes in continuous X-ray emissions.

Hence, the correct answer is option 4.

Paragraph after rearranging the sentences: Two missions the ISRO has launched in the five months since its success with Chandrayaan-3 have both been scientific: the Aditya L-1 space probe to study the sun and the X-ray Polarimeter Satellite (XPoSat) to study polarised X-rays emitted in astrophysical phenomena. ISRO launched the XPoSat, in a two-part mission, onboard a Polar Satellite Launch Vehicle (PSLV) on its C58 flight on January 1. The relative timing of these launches may be a coincidence but it is heartening because the ratio of scientific to technological missions ISRO has launched is skewed in favour of the latter, at the expense of research in the sense of discovery. Those science-oriented missions have all been exceptional in their own right. For example, XPoSat is only the second space-based experiment to study X-ray polarisation, and at higher X-ray energies than the other, NASA's Imaging X-ray Polarimetry Explorer. Its POLIX payload, realized by the Raman Research Institute, will track X-rays in the 8-30 kilo-electron-volt (keV) energy range and observe emissions from around 50 sources in five years. The XSPECT payload, by ISRO's U.R. Rao Satellite Centre, will study X-rays of energy 0.8-15 keV and changes in continuous X-ray emissions.

Q155. Answer: (e) No interchange required

The solution is in Hindi. Read it online.

Q156. Answer: (e) No interchange required

The correct answer is option 5.

Key Points

The sentence is:

"The obliterative (A) storm forced the peripatetic (B) scholar to abandon his quaternions (C) in favor of a reprehensory (D) note."

• Obliterative (A) — causing destruction or erasure; fits naturally with storm (a destructive storm = "obliterative storm").

• Peripatetic (B) — itinerant or traveling; perfectly sensible for a scholar described as moving about.

• Quaternions (C) — a technical term (a set of four; also a mathematical object). It is plausible to describe the scholar's mathematical papers/work as "his quaternions."

• Reprehensory (D) — serving to blame or censure; a "reprehensory note" is a note that expresses blame or reproach. It makes sense that, instead of saving his quaternions (which the storm forced him to abandon), he might leave a blaming/reproachful note (for whoever is responsible or as a response).

All four marked words are being used in grammatically correct and semantically plausible ways with the words they modify. No interchange improves clarity or correctness, so no interchange is required.

Definitions (quick reference)

• Obliterative — destructive; causing to be wiped out.

• Peripatetic — wandering; traveling from place to place.

• Quaternions — groups of four; also a mathematical entity (context-dependent).

• Reprehensory — censuring or blameful; deserving of reproach.

Q157. Answer: (a) A-D

The correct answer is option 1.

Key Points

The given sentence is:

The sanctimonies (A) of the preacher were transparent when his transpicuous (B) actions contradicted his uncharitable (C) remarks and vulneration (D) of parishioners.

Analysis:

• The word sanctimonies (A) means "pretended or hypocritical religious devotion." This is incorrect in the context of the sentence as it does not fit well with the intended meaning.

• The word transpicuous (B) means "clearly seen through or understood." This is contextually correct and does not require an interchange.

• The word uncharitable (C) means "unkind or lacking charity." This is correct in the context of the sentence.

• The word vulneration (D) means "injury or wounding." This does not fit well with the context of the sentence and needs to be interchanged with (A).

Therefore, the correct answer is option 1.

Additional Information

Let's understand the meanings of the words used:

• Sanctimonies: Pretended or hypocritical religious devotion.

• Transpicuous: Clearly seen through or understood.
• Uncharitable: Unkind or lacking charity.
• Vulneration: Injury or wounding.

Q158. Answer: (c) Only I and III

The correct answer is Only I and III.

Key Points

• On very thin ice: In a precarious or risky situation.
• The first statement talks about the risky situation that he created after telling lie about his sickness and does portray the meaning of the idiom correctly.
• The correct idiom is playing devil's advocate: To argue, just for the sake of it.
• The statement is incorrect.
• By leaps and bounds: By very large degrees; rapidly or in quick progress forward.
• The third statement talks about the rapid progress of the small company and does portray the meaning of the idiom correctly.
• Hence, Only I and III are correct.

Q159. Answer: (e) All of the above

The correct answer is All of the above.

Key Points

• Straight from the horse's mouth: Directly from the person involved.
• The first statement talks about the news of his factory burned down directly from the person presented there and does portray the meaning of the idiom correctly.
• Cried Wolf: To ask for help when you don't need it.
• The second statement talks about the no one believes him as he asks for help so many times for no reason and does portray the meaning of the idiom correctly.
• Palms off: Pass off something as genuine when it is spurious.
• The third statement talks about the passing off old stock to the customers and does portray the meaning of the idiom correctly.
• Hence, All of the above is correct.

Q160. Answer: (e) All of the above

The solution is in Hindi. Read it online.

Q161. Answer: (c) Country X

The correct answer is Option 3.

Key Points

• The passage mentions that Country X is emulating Germany's Net Zero pattern.
• Germany's approach includes prioritizing renewable energy, stringent industrial regulations, and sustainable practices.
• Country X's decision to follow this model showcases a growing global effort to address climate change.

Therefore, the correct answer is Country X.

Correct Sentence: Country X has recently attracted international attention for its decision to emulate Germany's Net Zero pattern.

Additional Information

• Option 1 (Australia): Australia is mentioned in the passage, but not in relation to Germany's Net Zero pattern.
• Option 2 (United Kingdom): The UK is also mentioned but not concerning emulating Germany's net-zero approach.
• Option 4 (Canada) and Option 5 (France): These countries are not mentioned in the context of the Net Zero pattern in the passage.

Q162. Answer: (b) Twitter

The correct answer is Option 2.

Key Points

• The passage specifically mentions that platforms such as Facebook, Twitter, and YouTube have become notorious for the rapid spread of unverified information.
• It highlights the challenge these platforms face in content moderation and preventing societal discord.

Therefore, the correct answer is Twitter.

Correct Sentence: Platforms such as Facebook, Twitter, and YouTube have become notorious for the rapid spread of unverified information, often resulting in societal discord.

YourMockTest.com — Free Study Material

Additional Information

• Option 1 (Instagram): Instagram is not mentioned in the context of the rapid spread of unverified information.

• Option 3 (WhatsApp): WhatsApp is not mentioned in relation to this issue in the passage.

• Option 4 (TikTok): TikTok is not mentioned in the given context.

• Option 5 (Snapchat): Snapchat is also not mentioned regarding the spread of unverified information.

Q163. Answer: (d) They have implemented pioneering models.

The correct answer is 'Option 4'.

Key Points

• 1) They prioritize non-renewable energy sources.

• This cannot be inferred from the passage. The passage specifically mentions that Germany prioritizes renewable energy sources.

• 2) They impose lax regulations on industrial emissions.

• This cannot be inferred from the passage. The passage mentions that Germany implements stringent regulations on industries.

• 3) They do not involve citizens in sustainable practices.

• This cannot be inferred from the passage. The passage indicates that Germany encourages sustainable practices among its citizens.

• 4) They have implemented pioneering models.

• This can be inferred from the passage. The passage refers to Germany's approach as a pioneering model for achieving net-zero carbon emissions.

• 5) They depend heavily on fossil fuels.

• This cannot be inferred from the passage. The passage emphasizes Germany's move towards renewable energy sources, not fossil fuels.

Therefore, the correct answer is Option 4.

Q164. Answer: (c) They collaborate with social media companies.

The correct answer is 'Option 3'.

Key Points

• 1) They rely solely on internet service providers.

• This cannot be inferred from the passage. The passage mentions collaboration with internet service providers, but it does not say that they rely solely on them.

• 2) They impose no penalties on individuals promoting hate speech.

• This cannot be inferred from the passage. The passage explains that Australia imposes stringent penalties on individuals and groups promoting hate speech.

• 3) They collaborate with social media companies.

• This can be inferred from the passage. The passage mentions that the UK government collaborates with social media companies to address and remove harmful content swiftly.

• 4) They ignore online hate speech issues.

• This cannot be inferred from the passage. The passage clearly states that both Australia and the UK have taken measures to combat hate speech online.

• 5) They have seen no improvements in addressing hate speech.

• This cannot be inferred from the passage. The passage does not provide information about the success or failure of the measures taken.

Therefore, the correct answer is Option 3.

Q165. Answer: (c) prevent data breaches and safeguard

The correct answer is 'prevent data breaches and safeguard'.

Key Points

• The phrase "prevent data breaches and safeguard" means to take measures to stop unauthorized access to data and protect it.

• National governments aim to protect the privacy of their citizens by preventing data breaches and safeguarding their information.

• The other options: "enhance risks to," "overlook," "expose sensitive information," and "undermine" do not fit the context as appropriately.

Therefore, the correct answer is 'Option 3'.

Complete Sentence: National governments are increasingly vigilant about fortifying their cyber defences to prevent data breaches and safeguard the privacy of their citizens.

Additional Information

• Enhance risks to: means to increase potential dangers or risks.

• Overlook: means to fail to notice or consider something.

• Expose sensitive information: means to make private or confidential data accessible.

• Undermine: means to weaken or damage something.

Q166. Answer: (b) Only B

The correct answer is Option 2.

Key Points

• Statement A: Australia has not taken any actions to curtail hate speech.

• This statement is incorrect as the passage mentions that Australia has enacted laws imposing penalties on those promoting hate speech.

• Statement B: Social media platforms constantly refine their content moderation policies.

• This statement is correct as the passage states that content moderation policies on social media platforms are continually evolving.

• Statement C: Internet security has become a pressing issue due to reduced dependency on digital infrastructure.

• This statement is incorrect as the passage highlights that internet security has become a pressing issue due to the ubiquitous use of digital infrastructure, not reduced dependency on it.

Therefore, the correct answer is: ‘Only B’.

Q167. Answer: (b) Only B

The correct answer is Option 2.

Key Points

• Statement A: Germany's model for achieving net-zero carbon emissions has gained international recognition.

• This statement is correct as the passage mentions that Germany's approach has been widely regarded as a pioneering model.

• Statement B: The use of digital infrastructure has decreased, reducing the need for internet security.

• This statement is incorrect as the passage explains that internet security has become a pressing issue with the ubiquitous use of digital infrastructure.

• Statement C: Social media companies have introduced community guidelines to combat hate speech.

• This statement is correct as the passage indicates that platforms like Facebook, Twitter, and YouTube have introduced community guidelines to curb hate speech.

Therefore, the correct answer is: ‘Only B’.

Q168. Answer: (b) A-2, B-1, C-3

The correct answer is Option 2.

Key Points

• Australia has enacted laws to impose stringent penalties on individuals and groups promoting hate speech, addressing both the public domain and online platforms.

• Germany's approach to achieving net-zero carbon emissions is widely regarded as a pioneering model, focusing on renewable energy and sustainable practices.

• The United Kingdom has introduced initiatives aimed at combating hate speech by collaborating with internet service providers and social media companies to remove harmful content.

Therefore, the correct answer is Option 2.

Correct Mapping: A) Australia - Enacted laws to impose penalties on hate speech, B) Germany - Introduced pioneering net zero strategies, C) United Kingdom - Collaborated with social media companies to remove harmful content

Additional Information

• Australia – Efforts have been focused on balancing freedom of speech with the responsibility of not harming others through stringent penalties on hate speech promotion.

• Germany – Implements stringent regulations on industries and encourages sustainable practices among its citizens as part of its net-zero carbon emission strategy.

• United Kingdom – Collaborates with internet service providers and social media companies to swiftly address and remove harmful content related to hate speech.

YourMockTest.com — Free Study Material

Q169. Answer: (b) Spread

The solution is in Hindi. Read it online.

Q170. Answer: (d) Strict

The solution is in Hindi. Read it online.

More previous year papers and mock tests: **www.yourmocktest.com/pyq**

YourMockTest.com — Free Study Material