SSC CHSL Previous Paper 34 (Held On: 19 March 2018 Shift 2) (Previous Year Paper)

SSC Combined Higher Secondary Level (CHSL) • 2018 • 100 questions • 60 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/ssc-chsl/ssc-chsl-previous-paper-34-held-on-19-march-2018-shift-2-pre…

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

YourMockTest.com — Free Study Material

ENGLISH LANGUAGE

Q1. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select ‘No Error’.

Turning left under (1)/ the crossroads will (2)/ save you some time. (3)/ No error (4)

(a) 1
(b) 2
(c) 3
(d) 4

Q2. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select ‘No Error’.

Implicit in the Satyagraha was Gandhi’s assumption that (1)/ all rulers are dependent on their position and power (2)/ upon the obedience and cooperation of the ruled (3)/ No error (4)

(a) 1
(b) 2
(c) 3
(d) 4

Q3. In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

_____European was seen eating Kadi Chawal in New Delhi.

(a) An
(b) A
(c) The
(d) All

Q4. In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

People must make continuous efforts to achieve _____ in all spheres.

(a) acceleration
(b) perfection
(c) imbalance
(d) conclusions

Q5. In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

Lackadaisical

(a) Active
(b) Energetic
(c) Careless

(d) Enthusiastic

Q6. In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

Eclectic

(a) Particular
(b) Electric
(c) Selective
(d) Diverse

Q7. In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Procrastinate

(a) Delay
(b) Defer
(c) Drag
(d) Do

Q8. In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Baroque

(a) Decorative
(b) Bizarre
(c) Plain
(d) Rich

Q9. Rearrange the parts of the sentence in correct order.

The maximum

P: condition is called its infiltration capacity

Q: rate at which water enters

R: into the soil in a given

(a) PQR
(b) QPR
(c) QRP
(d) RQP

Q10. A sentence has been given in Active/Passive Voice. Out of the four given alternatives, select the one which best expresses the same sentence in Passive/Active Voice.

The chef did not cook a dish.

(a) A dish was not cooked by the chef.
(b) A dish wasn't cook by the chef.
(c) A dish isn't cooked by the chef.
(d) A dish didn't prepare by the chef.

Q11. A sentence has been given in Direct/Indirect Speech. Out of the four given alternatives, select the one which best expresses the same sentence in Indirect/Direct Speech.

The princess said, "Whom do you consider the happiest person living?

(a) The princess asked me whom I considered the happiest person living.
(b) The princess asked about the happiest person living.
(c) The princess asked who is the happiest person living now.
(d) The princess enquired about the happiest person living.

YourMockTest.com — Free Study Material

Q12. In the following question, a word has been written in four different ways out of which only one is correctly spelt. Select the correctly spelt word.

(a) Apparant
(b) Apparent
(c) Aparent
(d) Appareint

Directions

In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

Some writers have claimed that the _____of persons are incapable of even fairly correct reasoning, pointing to the absurd ideas entertained by the masses of people as a proof _ the statement. These writers are probably a little radical __their views and statements, but one is often struck __ wonder at the evidences of incapacity for interpreting ____ and impressions on the part of the general public.

Q13. claimed that the _____ of persons

(a) major
(b) majority
(c) majorly
(d) majors

Q14. as a proof _____ the statement.

(a) from
(b) of
(c) form
(d) off

Q15. little radical _____ their views

(a) into
(b) to
(c) in
(d) on

Q16. often struck _____ wonder at

(a) with
(b) against
(c) around
(d) above

Q17. for interpreting _____ and impressions

(a) Fact
(b) Facts
(c) Factual
(d) Factually

Q18. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Burn the midnight oil

(a) To live a life of hardship.
(b) To waste away resources that could have helped in difficult times.
(c) Procrastinate and then work at the last minute to finish the task
(d) Read or work late into the night.

YourMockTest.com — Free Study Material

Q19. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Throw the towel in

(a) To challenge someone.
(b) To stop a bad situation from getting worse.
(c) To quit in defeat.
(d) To offer a signal of peace.

Q20. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

Criticize unfairly

(a) Complimentary
(b) Obeisance
(c) Denigrate
(d) Accolade

Q21. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

The occurrence and development of events by chance in a happy or beneficial way

(a) Debacle
(b) Affliction
(c) Infelicity
(d) Serendipity

Q22. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

As humans we (crossing) our line in disturbing the balance of nature.

(a) has crossed
(b) crossed
(c) have crossed
(d) No improvement

Q23. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

I wouldn’t (has dared) to venture into such a scene.

(a) have dared
(b) have dare
(c) had dare
(d) no improvement

Q24. The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

We need to ask ourselves

A- if personal isolation is a

B- natural concomitant of the

C- advancement of technology

(a) ABC
(b) CBA
(c) CAB
(d) BCA

YourMockTest.com — Free Study Material

Q25. In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

(a) conjectural
(b) conjecturel
(c) conjactural
(d) conjacturel

GENERAL INTELLIGENCE

Q26. A word is represented by only set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example 'B' can be represented by 41, 32 etc and 'Z' can be represented by 57, 98 etc. Similarly, you have to identify the set for the word 'FARM'.

Matrix-I					
	0	1	2	3	4
0	I	B	A	G	J
1	C	H	G	C	M
2	H	F	I	G	M
3	C	K	B	A	F
4	F	B	F	G	J

Matrix-II					
	5	6	7	8	9
5	Y	Y	Z	U	Q
6	Y	Y	U	O	V
7	Q	Y	Q	X	X
8	O	T	P	O	R
9	V	U	X	Z	N

(a) 23, 69, 13, 87
(b) 21, 33, 89, 24
(c) 20, 97, 12, 65
(d) 14, 79, 32, 65

Q27. In the following question, select the related number from the given alternatives.

19 : 60 : : 21 : ?

(a) 66
(b) 61
(c) 72
(d) 83

Q28. In the following question, select the related letter/letters from the given alternatives.

SRM : IHC : : ZUQ : ?

(a) PKG
(b) RLH
(c) OJF
(d) OJG

YourMockTest.com – Free Study Material

Q29. In the following question, select the odd word from the given alternatives.

(a) Area
(b) Cube
(c) Volume
(d) Perimeter

Q30. In the following question, four number pairs are given. The number on left side of (-) is related to the number on the right side of (-) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives

(a) 14 - 196
(b) 16 - 256
(c) 18 - 324
(d) 22 - 464

Q31. In the following question, select the odd letter/letters from the given alternatives.

(a) BFJ
(b) PTX
(c) JNR
(d) KOR

Q32. Arrange the given words in the sequence in which they occur in the dictionary.

1. Perplex 2. Persistent 3. Periodic 4. Persist 5. People

(a) 51243
(b) 45123
(c) 53142
(d) 12354

Q33. In the following question, select the missing number from the given series.

4, 16, ?, 256, 1024

(a) 64
(b) 60
(c) 32
(d) 48

Q34. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

A, D, F, I, K, N, ?

(a) P
(b) O
(c) R
(d) S

Q35. Present ages of R and P are in the ratio of 9 : 11 respectively. After 7 years, their ages will be in the ratio of 26 : 31 and sum of their ages will be 114 years. What is the present age (in years) of P?

(a) 36
(b) 35
(c) 55
(d) 45

Q36. From the given alternatives, select the word which CANNOT be formed using the letters of the given word.

Revolution

(a) Into
(b) Vote
(c) Tone
(d) Right

YourMockTest.com — Free Study Material

Q37. In a certain code language, “FUNGI” is written as “HYPKK”. How is “ALGAE” written in that code language?

(a) CPIEG
(b) GHIQT
(c) QKTHP
(d) PHQLM

Q38. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

NET, OGW, PIZ, QKC, ?

(a) RNE
(b) RME
(c) RNF
(d) RMF

Q39. In the following question, select the missing number from the given series.

39, 40, 42, 43, 45, ?

(a) 47
(b) 46
(c) 48
(d) 49

Q40. In the following question, four groups of three numbers are given. In each group the second and third number are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

(a) (16, 19, 22)
(b) (18, 21, 25)
(c) (17, 20, 23)
(d) (21, 24, 27)

Q41. In a certain code language, '÷' represents ' + ', '-' represents ' × ', ' + ' represents '÷' and ' × ' represents '-'. Find out the answer to the following question.

17 - 20 + 5 × 30 ÷ 4 = ?

(a) 34
(b) 42
(c) 18
(d) 47

Q42. The following equation is incorrect. Which two signs should be interchanged to correct the equation?

16 × 4 - 10 + 10 ÷ 6 = 54

(a) ÷ and ×
(b) × and -
(c) ÷ and -
(d) • and +

Q43. If 9 & 4 = 50, 3 & 7 = -40 and 7 & 5 = 20, then find the value of 4 & 5 = ?

(a) 80
(b) -10
(c) 20
(d) -80

Q44. Which of the following terms follows the trend of the given list?

PQPQPQPQ, RQPQPQPQ, RSPQPQPQ, RSRQPQPQ, RSRSPQPQ, _____.

(a) RSRSRSPQ
(b) PQPQPQPQ
(c) RQPQPQPQ

YourMockTest.com — Free Study Material

(d) RSRSRQPQ

Q45. C and D start cycling from their fitness club. C rides 1 km West, then turns to his left and rides 5 km. In the mean while D rides 3 km South, then turns West and rides 7 km, then turns to his left and rides 2 km. Where is C with respect to D?

(a) 8 km East
(b) 6 km West
(c) 6 km East
(d) 8 km West

Q46. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement I: Some batteries are cells.

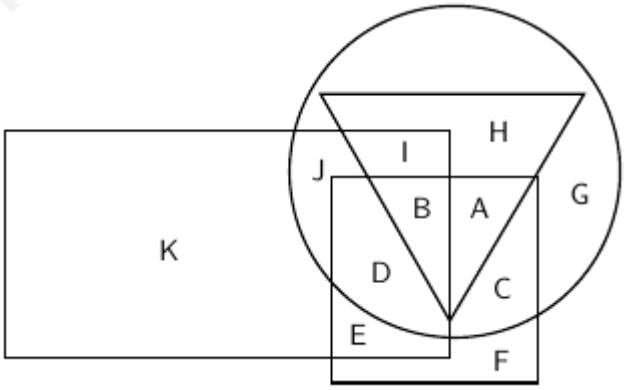
Statement II: All cells are chargers.

Conclusion I: Some cells are chargers.

Conclusion II: All chargers are cells.

(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusions I and II follow
(d) Neither conclusion I nor conclusion II follows

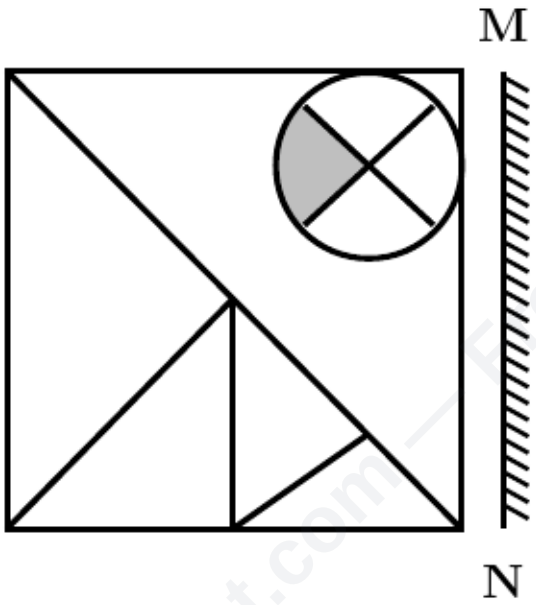
Q47. In the following figure, rectangle represents Animators, circle represents Dancers, triangle represents Potters and square represents Mothers. Which set of letters represents Potters who are not Mothers?



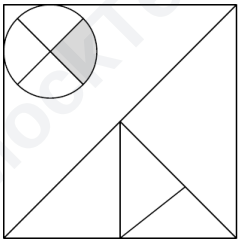
(a) BA
(b) DC
(c) IH
(d) EF

Q48. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

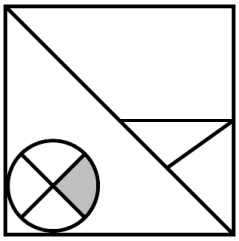
YourMockTest.com — Free Study Material



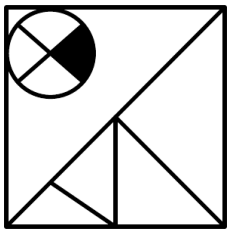
(a)



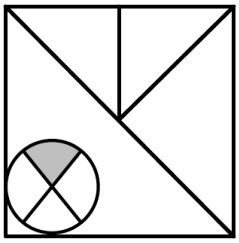
(b)



(c)

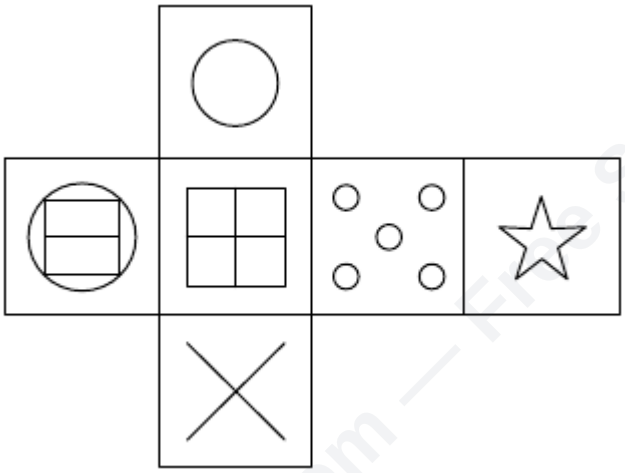


(d)

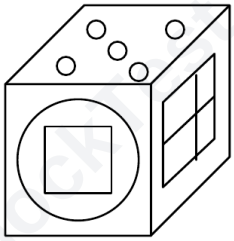


YourMockTest.com — Free Study Material

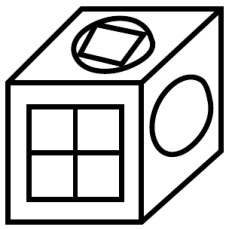
Q49. Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?



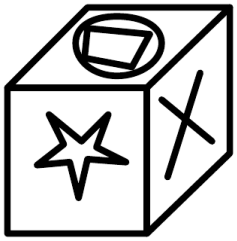
(a)



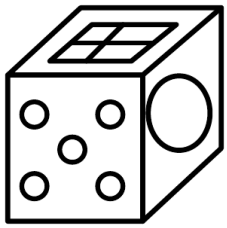
(b)



(c)



(d)



Q50. A word is represented by only set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example ‘B’ can be represented by 31, 43 etc and ‘P’ can be represented by 57, 95 etc. Similarly, you have to identify the set for the word ‘GYRO’.

Matrix-I					
	0	1	2	3	4
0	M	C	F	G	B
1	M	A	H	G	L
2	H	J	A	C	A
3	J	B	E	M	I
4	I	C	K	B	A

Matrix-II					
	5	6	7	8	9
5	P	X	P	Y	N
6	S	V	V	W	W
7	S	V	R	X	Q
8	V	Y	S	S	U
9	P	V	O	U	Z

(a) 13,86,77,97
(b) 13,57,24,77
(c) 10,65,42,79
(d) 20,56,13,75

QUANTITATIVE APTITUDE

Q51. Arrange the fractions 3/4, 5/12,13/16,16/29,3/8 in the descending order of their magnitude.

(a) 3/4 > 3/8 > 13/16 > 16/29 > 5/12
(b) 3/8 > 5/12 > 16/29 > 3/4 > 13/16
(c) 13/16 > 3/4 > 16/29 > 5/12 > 3/8
(d) 13/16 > 16/29 > 3/4 > 5/12 > 3/8

Q52. Which of the following numbers is a prime number?

(a) 39
(b) 87
(c) 79
(d) 93

Q53. If $x = 4/(2\sqrt{3} + 3\sqrt{2})$ then find the value of $(x + 1/x)$

(a) $((10\sqrt{3} + 15\sqrt{2}))/12$
(b) $((10\sqrt{3} - 15\sqrt{2}))/12$
(c) $(- (10\sqrt{3} - 33\sqrt{2}))/12$
(d) $((10\sqrt{3} + 33\sqrt{2}))/12$

Q54. The equation of a line is given by $4y – 6x + 9 = 0$. Find the slope of other line which is perpendicular to it.

(a) -2/3
(b) 2/3
(c) 3/2
(d) -3/2

YourMockTest.com — Free Study Material

Q55. The two chords AB and CD of a circle intersect at point P, such that BP = 4 cm, PD = 5 cm, and CP = 8 cm. find the length of chord AB.

(a) 8
(b) 10
(c) 12
(d) 14

Q56. AB is the chord of a circle of length 6 cm. From the center of the circle, a perpendicular is drawn which intersects the chord at D and the distance between the center and the chord is 4 cm. find the area (in cm^2) of the circle)

(a) 55
(b) 61.5
(c) 70
(d) 78.5

Q57. The income of Rahul is Rs 60000 and his expenditure is Rs 40000. If his income is increased by 20% and expenditure is increased by 15%, then what will be the percentage increase in his savings?

(a) 30
(b) 5
(c) 15
(d) 25

Q58. If u : v : w = 3 : 6 : 8, then what will be the ratio of (u/v) : (v/w) : (w/u)?

(a) 8 : 6 : 3
(b) 8 : 4 : 3
(c) 5 : 9 : 12
(d) 6 : 9 : 32

Q59. Puneet lent out Rs 30000 in two parts, one at 5% and the other at 9% interest. The yearly average interest comes out to be 6%. What are the amounts (in Rs) that are lent at 5% and 9% respectively?

(a) 20000, 10000
(b) 22500, 7500
(c) 18000, 12000
(d) 21000, 9000

Q60. The average marks obtained by 19 boys of a college is 56. If the highest marks and lowest marks obtained are removed, then the average reduces by 2. What is the average of the highest and lowest marks obtained?

(a) 77
(b) 69
(c) 73
(d) 75

Q61. A sum of Rs. 5000 becomes Rs. 8000 in 3 years when invested in a scheme of simple interest. If the same sum is invested in a scheme of compound interest with the same yearly interest rate (compounding of interest is yearly), what will be the amount (in Rs.) after 3 years?

(a) 8640
(b) 8260
(c) 8880
(d) 9220

Q62. A shopkeeper sells wheat at a profit of 20% and for weighing uses a weight which is 10% less than the actual weight. What is his total profit percentage?

(a) 31.24
(b) 37.5
(c) 30
(d) 33.33

YourMockTest.com — Free Study Material

Q63. A table is sold at a discount of 45%. If the marked price of the table is Rs 10800, then what is the selling price (in Rs) of the table?

(a) 4680
(b) 4860
(c) 5560
(d) 5940

Q64. Which of the following statement(s) is/are CORRECT?

I. $(\sqrt{11} + \sqrt{2}) > (\sqrt{8} + \sqrt{5})$

II. $(\sqrt{10} + \sqrt{3}) > (\sqrt{7} + \sqrt{6})$

(a) Only I
(b) Only II
(c) Neither I nor II
(d) Both I and II

Q65. Some girls can do a piece of work in 18 days. In how much time (in days) two times the number of such girls will complete thrice of the work?

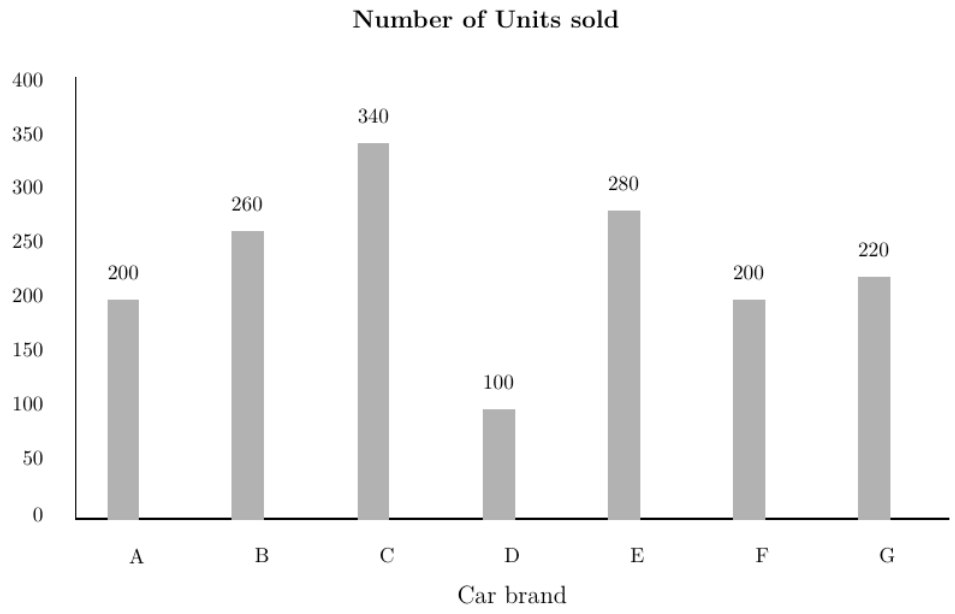
(a) 12
(b) 27
(c) 21
(d) 24

Q66. Two trains are moving in the same direction at the speed of 24 km/hr and 50 km/hr. The time taken by faster train to cross a man sitting in the slower train is 72 seconds. What will be the length (in metres) of the faster train?

(a) 560
(b) 490
(c) 520
(d) 640

Directions

Direction: The bar graph shows the number of cars of different brands sold by a dealer in a month. Study the diagram and answer the following questions.



YourMockTest.com — Free Study Material

Q67. If the average price of a car sold by the dealer is Rs. 5 lakhs then what is the sales (in Rs. lakhs) of all the cars sold by the dealer in the month?

(a) 800
(b) 8000
(c) 7500
(d) 750

Q68. Units sold of brand D was lesser than that of brand F by_____.

(a) 75%
(b) 200%
(c) 100%
(d) 50%

Q69. What is the ratio of units sold of brand G to that of brand E?

(a) 14 : 11
(b) 4 : 9
(c) 9 : 4
(d) 11 : 14

Q70. Units sold of which car brand were the second highest?

(a) E
(b) C
(c) A
(d) G

Q71. The length of one side and the diagonal of a rectangle are 20 cm and 29 cm respectively. Find the length of its other side (in cm).

(a) 42
(b) 30
(c) 21
(d) 60

Q72. If the sum of the interior angles of a regular polygon is 720° then how many sides does it have?

(a) 8
(b) 9
(c) 6
(d) 10

Q73. Find the volume (in cm^3) of a cube of side 4.5 cm.

(a) 55.467
(b) 14.445
(c) 91.125
(d) 26.465

Q74. What is the value of (2 - tan 60°)?

(a) $-1/\sqrt{3}$
(b) $(\sqrt{3} - 4)/2\sqrt{3}$
(c) -1/2
(d) $2 - \sqrt{3}$

Q75. ΔUVW is right angled at V. If sinU = 24/25, then what is the value of cosW?

(a) 25/7
(b) 24/7
(c) 7/24
(d) 24/25

YourMockTest.com — Free Study Material

GENERAL AWARENESS

Q76. Expanded form of the term LIBOR is: _____.

(a) London Inter-Bank Offered Rate
(b) London Inter-Bank Operational Rate
(c) London Inter-Bank Offsite Rate
(d) London Inter-Bank Onsite Rate

Q77. Who holds the post of Deputy Chairman of the Planning Commission?

(a) Prime Minister
(b) Planning Minister
(c) an official who holds the rank of a Cabinet Minister
(d) an economist of repute

Q78. Which of the following tax was initiated by the Alauddin Khilji?

(a) Kharaj
(b) Kankut
(c) Ghari
(d) Zakat

Q79. Which of the following organizations was established outside India?

(a) Indian Association
(b) East India Association
(c) Bengal-British India Society
(d) India league

Q80. Which of the following is NOT an example of the volcanic mountain?

(a) Mount Etna
(b) Mount Fujiyama
(c) Mount Black
(d) Mount Kilimanjaro

Q81. Which of the following hills is situated in the southernmost part of India?

(a) Nilgiri Hills
(b) Cardamom Hills
(c) Palani Hills
(d) Annamalai Hills

Q82. Which of the following is a war-related dance?

(a) Kathakali of Kerala
(b) Bamboo dance of Meghalaya
(c) Chhau of Mayurbhanj
(d) Bhangra of Panjab

Q83. Where is located the world's longest glass bridge that was opened for the public on December 24, 2017?

(a) Hebei, China
(b) Tokyo, Japan
(c) Virginia, USA
(d) Berlin, Germany

Q84. Who among the following is a recipient of first World Sanskrit Award?

(a) Pandit Shivashankar Tripathi
(b) John Merkel
(c) Maha Chakri Sirindhorn
(d) Hassan Abbas

YourMockTest.com — Free Study Material

Q85. Which of the following areas has the largest production of coal in China?

(a) Shaanxi
(b) Xinjiang
(c) Inner Mongolia
(d) Hebei

Q86. According to Rutherford the radius of the nucleus is about _____ than the radius of the atom.

(a) 10^5 times greater
(b) 10^5times lesser
(c) 10^9 times greater
(d) 10^7 times greater

Q87. Ionic compounds _____.

I. have high boiling point
II. have high melting point
III. conduct electricity in solution

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

Q88. Who is the principal spokesman of the Lok Sabha?

(a) Prime Minister of India
(b) Finance Minister of India
(c) Speaker of Lok Sabha
(d) Nominated Member of Lok Sabha

Q89. In India, the first hour of every Parliamentary sitting is allotted for _____.

(a) Question hour
(b) Half an hour
(c) Zero hour
(d) No option is correct.

Q90. Match the following.

Digestive Input	Output
I. Proteins	1. Glycerol
II. Carbohydrates	2. Amino acids
III. Fats	3. Glucose

(a) I – 2, II – 3, III – 1
(b) I – 1, II – 3, III – 2
(c) I – 2, II – 1, III – 3
(d) I – 3, II – 2, III – 1

Q91. Who coined the term ‘protoplasm’ for the fluid substance of the cell?

(a) Robert Hooke
(b) Robert Brown
(c) J.E Purkinje
(d) M. Schleiden

YourMockTest.com — Free Study Material

Q92. Under Aajeevika Grameen Express Yojana (AGEY) launched in Aug 2017, the beneficiary will be provided an interest-free loan up to _____ for the purchase of the vehicle.

(a) Rs. 6.50 lakh
(b) Rs. 8.50 lakh
(c) Rs. 7.50 lakh
(d) Rs. 9.50 lakh

Q93. Scientists of which institute have found a way to induce points to give off dim light to plants by embedding luciferase enzyme?

(a) The University of Cambridge
(b) National University of Singapore
(c) University of California
(d) Massachusetts Institute of Technology

Q94. In September 2017, RBI has capped bank investments in private equity fund at _____ percent of paid-up capital.

(a) 5
(b) 10
(c) 15
(d) 18

Q95. On 2 January 2018, Parliament passed NABARD (Amendment) Bill, 2017 which seeks to amend

(a) NABARD Act, 1975
(b) NABARD Act, 1961
(c) NABARD Act, 1981
(d) NABARD Act, 1991

Q96. Due to an acceleration of 1 m/s^2 the velocity of a body increases from 15 m/s to 20 m/s in a certain period. Find the displacement (in m) of the body in that period.

(a) 175
(b) 625
(c) 87.5
(d) 312.5

Q97. The gravitational force of attraction between two bodies is _____ the product of their masses.

(a) Directly proportional to the square of
(b) Inversely proportional to
(c) Inversely proportional to the square of
(d) Directly proportional to

Q98. The boundaries of the plates of the earth's crust are the weak zones known as _____ zones.

(a) cosmic
(b) seismic
(c) formic
(d) anemic

Q99. Which of the statements given below are correct?

A) Grigor Dimitrov won the Tennis 2017 ATP World Tour Finals Men's Singles.
B) In 2017, Sergio Aguero played for the Premier League team, Liverpool.
C) In 2017, Rohit Sharma captained the IPL team Mumbai Indians.

(a) Both A and C
(b) Both A and B
(c) A, B and C
(d) None of these

YourMockTest.com — Free Study Material

Q100. _____ networks are connected by telephones, underwater cables and satellites.

(a) Typewriter
(b) DVD
(c) Computer
(d) Washing Machine

ANSWER KEY

1	a	2	d	3	b	4	b	5	c	6	d	7	d	8	c	9	c	10	a
11	a	12	b	13	b	14	b	15	c	16	a	17	b	18	d	19	c	20	c
21	d	22	c	23	a	24	a	25	a	26	b	27	a	28	a	29	b	30	d
31	d	32	c	33	a	34	a	35	c	36	d	37	a	38	d	39	b	40	b
41	b	42	a	43	b	44	d	45	c	46	a	47	c	48	c	49	a	50	a
51	c	52	c	53	c	54	a	55	d	56	d	57	a	58	d	59	b	60	c
61	a	62	d	63	d	64	c	65	b	66	c	67	b	68	d	69	d	70	a
71	c	72	c	73	c	74	d	75	d	76	a	77	c	78	c	79	b	80	c
81	b	82	c	83	a	84	c	85	a	86	b	87	d	88	c	89	a	90	a
91	c	92	a	93	d	94	b	95	c	96	c	97	d	98	b	99	a	100	c

SOLUTIONS

Q1. Answer: (a) 1

The correct answer is 1

Key Points

Reading the sentence we find that:

The error is in part 1 of the sentence.

One cannot go under the crossroads, as it is not a bridge. Instead, it is a point where one reaches.

Important Points

When we are referring to locations or points we should use the preposition at

Therefore the correct form will be: At the crossroads.

Additional Information

At a crossroads

At a point when a choice must be made; at a point of change.

• After earning my degree, I'm at a crossroads. I need to figure out which direction my life should take.

• As a company, we're at a crossroads. We can continue business as usual, or we can take a risk and try to grow.

Q2. Answer: (d) 4

The correct answer is 2

Key Points

Reading the above sentence we find that:

• In the second part of the sentence, 'on' is incorrect Instead use 'for'

• 'For' is a preposition and one of the meanings of it is 'having as a purpose or function'

• Hence, this meaning is correct in the sentence.

So the correct sentence is:

Implicit in the Satyagraha was Gandhi's assumption that all rulers are dependent for their position and power upon the obedience and cooperation of the ruled.

Q3. Answer: (b) A

The correct answer is A

Key Points

Reading the sentence we find that:
• Article A should be filled in the blank.
• Thus the sentence will be "A European...."
Important Points
• Article A is used before words beginning with a consonant or with a consonant sound.
• In the given question the word European starts with a consonant sound i.e a 'Y' sound.
• Therefore we should use A instead of An.
Mistake Points
• Seeing that the word European starts with a vowel one might think that 'an' should be used.
• But even though the word starts with a vowel the starting sound is that of a consonant.
Therefore the correct answer is 'A European.'

Q4. Answer: (b) perfection

The correct answer is perfection
Key Points
Reading the above sentence we find that:
• A word that means quality or excellence should be used here.
Let's look at the meaning of the correct option.
• perfection: the state or quality of being perfect; excellence
Therefore the correct answer is perfection as it suits the sentence meaningfully and contextually.

Q5. Answer: (c) Careless

The correct answer is Careless
Key Points
Let's look at the meaning of the given word and the correct option.
• Lackadaisical: careless; lazy; unenthusiastic.
• Careless: Not having sufficient attention; unenthusiastic.
Thus from the above meanings, we find that both words express the same meaning.
Additional Information
Let's look at the meaning of the other given words.
• Active: Engaging or ready to engage in physically energetic pursuits.
• Energetic: Showing or involving great activity or vitality.
• Enthusiastic: Having or showing intense and eager enjoyment.

Q6. Answer: (d) Diverse

The correct answer is Diverse.
Key Points
Let's look at the meaning of the given word and the correct option.
• Eclectic: Deriving ideas, style or taste from a broad and diverse range of sources.
• Diverse: Showing a great deal of variety.
Thus from the given meanings, we find that both words express the same meaning.
Thus the correct answer is Diverse.
Additional Information
Let's look at the meanings of the other given words.
• Particular: Used to single out and individual member.
• Electric: Of worked by, charged with or producing electricity.
• Selective: Relative or involving the selection of the most suitable.

Q7. Answer: (d) Do

The correct answer is Do.
Key Points
Let's look at the meaning of the given word and the correct option.
• Procrastinate: Delay or postpone actions; put off doing something.

• Do: To perform an action; to achieve or complete.

Thus from the given points, we find that both the words have the opposite meaning.

Additional Information

Let's look at the meaning of the other given words.

• Delay: Make someone or something late or slow.

• Defer: Postpone; suspend or delay.

• Drag: Pass slowly and tediously; to pull someone.

Q8. Answer: (c) Plain

The correct answer is Plain.

Key Points

• Let's look at the meaning of the given word and the correct answer.

• Baroque: A style used to create exuberance, grandeur and detail.

• For Example - Their repertoire mixes Baroque works with contemporary music.

• Plain: Not decorated or elaborate; simple or basic.

• For Example - Their website is fairly plain, but very easy to navigate.

• Thus from the given points, we find that both the words express the opposite meaning.

• Therefore, the correct answer is Plain.

Additional Information

• Let's look at the meanings of the other given words.

• Decorative: Serving to make something look more attractive.

• For Example - He gave the picture a decorative border, which changed the look of the page.

• Bizarre: Very strange or unusual.

• For Example - I had a really bizarre dream last night.

• Rich: Having a great deal of money or assets; wealth.

• For Example - He is determined to get rich quickly.

Q9. Answer: (c) QRP

The correct answer is QRP.

Key Points

Reading the first part of the sentence we find that:

• Maximum is an adjective and it should be followed by a noun.

• Out of the given parts, R does not start with a noun and hence it can be ruled out.

• Part R also ends with the phrase 'in a given' and the word given is an adjective and it should be followed by a noun.

• For this reason, R cannot be the final part of the sentence.

• This leaves us with only one option i.e QRP which perfectly rearranges the given sentence.

Thus from the given points, we can conclude that the correct answer is QRP.

The correct sentence will be: The maximum rate at which water enters into the soil in a given condition is called its infiltration capacity.

Q10. Answer: (a) A dish was not cooked by the chef.

The correct answer is A dish was not cooked by the chef.

Key Points

While changing a sentence to the passive voice:

• The subject of the sentence becomes the object.

• The object of the sentence becomes the subject.

• Therefore dish in the given sentence becomes the subject of the passive voice.

• The chef becomes the object of the passive voice.

• Did not cook changes to was not cooked.

• Thus we get the sentence: A dish was not cooked by the chef.

Thus from the given points, we can conclude that the correct answer is A dish was not cooked by the chef.

The other given options are incorrect for the following reasons.

• In option 2 wasn't cook is wrong as the verb cook should be in the past tense i.e cooked.

YourMockTest.com — Free Study Material

• In option 3 isn't cooked is wrong as 'is' is used in the present tense and the passive voice is in the past tense.

Q11. Answer: (a) The princess asked me whom I considered the happiest person living.

The correct answer is The princess asked me whom I considered the happiest person living.

Key Points

Reading the given sentence we find that it's in the direct speech.

To change it to an indirect speech we should:

• Change the verb said to asked, as a question is being asked in the sentence.

• The tense changes from simple present tense to simple past tense.

• Thus do you 'consider' changes to 'considered'.

• 'You' changes to 'I' as it is an indirect speech.

• When the direct speech begins with a question there is no need to put conjunction in the indirect speech.

Thus we get the final sentence: 'The princess asked me whom I considered the happiest person living.'

Q12. Answer: (b) Apparent

The correct answer is Apparent.

Key Points

Looking at the given options we find that:

• Apparent is the correct spelling of the word.

• Apparent: Clearly visible, understood or obvious.

• Example: She laughed for no apparent reason.

Therefore the correct answer is Apparent.

Q13. Answer: (b) majority

The correct answer is Majority

Key Points

Reading the given sentence we find that:

• The given part of the sentence is talking about a large group of people.

• So a word with a meaning similar to this should fill the blank.

Let's look at the meaning of the correct option.

• Majority: a greater number; a large number.

• Example: The candidate had the overwhelming support of the majority of the people.

**Thus from the given points, we can conclude that the correct answer is majority.

Additional Information

Let's look at the meanings of the other given words.

• Major: Important, serious or significant; a rank given to an officer in the military.

• Majorly: very, extremely.

• Majors: Studies that one specialises in college.

Q14. Answer: (b) of

The correct answer is of.

Key Points

Reading the above sentence we find that:

• A proposition that expresses the relationship between proof and the statement is needed here.

Let's look at the meaning of the preposition 'of.'

• Of: a preposition that expresses the relationship between a part and the hole.

• Here the proposition is establishing the relationship that is proof of the statement.

Thus from the above points, we can conclude that the correct answer is of.

Additional Information

Let's look at the other options.

• From: A preposition that indicates a point in space and time.

• Form: The visible shape of something; bring together parts to combine.

• Off: Away from the place in question.

YourMockTest.com — Free Study Material

Q15. Answer: (c) in

The correct answer is in.

Key Points

Reading the above sentence we find that:

• Views are something that each person has in his mind.

• Since a view is inside our mind we should preposition that conveys that the views are inside the person's mind.

• In: A preposition expressing the situation of something.

• In the given context we are talking about the views of the writers.

Thus from the given points, we can conclude that the correct answer is in.

Additional Information

• Into: A preposition expressing movement or action.

• To: Expressing movement in a particular direction; approaching or reaching a particular position.

• On: Physically in contact with and supported by (something).

Q16. Answer: (a) with

The correct answer is with.

Key Points

Looking at the above sentence we find that:

• A preposition with the meaning of 'having or possessing' should fill the blank.

• Thus the correct preposition to be used here is with.

• With: Having or possessing something.

Thus from the above points, we can conclude that the correct answer is with.

Additional Information

Let's look at the meanings of the other given options.

• Against: In opposition to.

• Around: On every side of; located or situated on every side.

• Above: At a higher level or layer that.

Q17. Answer: (b) Facts

The correct answer is Facts.

Key Points

Looking at the given blank we find that:

• The word 'impressions' is used in the plural.

• Therefore a plural noun should be used in the blank.

• Facts: Something that truly exists; truth, reality. Plural of the noun fact.

Thus from the above points, we can conclude that the correct answer is facts.

Additional Information

Let's look at the meanings of the other given options.

• Factual: An adjective that means concerned with what is actually the case.

• Factually: An adverb which means with regard to what is actually the case.

Q18. Answer: (d) Read or work late into the night.

The correct answer is Read or work late into the night.

Key Points

Let's look at the meaning of the given idiom.

• Burn the midnight oil: To stay up late working or studying.

• Example: We are all burning the midnight oil before the exams.

Thus from the given meaning and example we can conclude that the correct answer is Read or work late into the night.

Q19. Answer: (c) To quit in defeat.

The correct answer is To quit in defeat.

Key Points

Let's look at the meaning of the given idiom.

YourMockTest.com – Free Study Material

• Throw the towel in: To quit in defeat.
• Example: Rocky was told by his trainer that he was going to throw in the towel in if he did not start throwing punches.
**Thus from the given meaning, we can conclude that the correct answer is 'To quit in defeat'
Additional Information
The idiom 'throw the towel in' comes from boxing, where a fighter indicates surrender by throwing a towel into the ring.

Q20. Answer: (c) Denigrate

The correct answer is Denigrate.
Key Points
Let's look at the meaning of the correct option.
• Denigrate: Criticize unfairly; disparage.
• Example: It was unfair to denigrate her achievement.
**From the above-given points, we can conclude that the correct answer is Denigrate.
Additional Information
Let's look at the meanings of the other given options.
• Complimentary: Expressing a compliment or approval.
• Obeisance: The movement of the body made in token of respect; to bow.
• Accolade: A mark of acknowledgement.

Q21. Answer: (d) Serendipity

The correct answer is Serendipity.
Key Points
Let's look at the meaning of the correct option.
• Serendipity: Unexpected good luck; the fact of finding interesting or valuable things by chance.
• Example: There is a real element of serendipity in archaeology.
Thus from the given meaning, we can conclude that the correct answer is serendipity.
Additional Information
Let's look at the meanings of the other given words.
• Debacle: A great disaster or a complete failure.
• Affliction: A cause of pain or harm.
• Infelicity: A thing that is inappropriate.

Q22. Answer: (c) have crossed

As we are talking about present time so we will use present perfect tense not past.
We = plural. Thus, rule out 1). We crossing = grammatically incorrect. Rule out 4). use have. Option 3) have crossed is the correct answer.

Q23. Answer: (a) have dared

The correct answer is have dared.
Key Points
Reading the above sentence we find that:
• The sentence starts with I and therefore it should be followed by have.
• The tone of the given sentence indicates that it is in the past tense.
• Therefore we should use dared instead of dare.
• Using dare makes the sentence grammatically incorrect. As it is not the correct verb to fit the tense.
• Thus from the given points, we can conclude that the correct answer is have dared.
Correct Sentence: I wouldn't have dared to venture into such a scene.

Q24. Answer: (a) ABC

The correct answer is ABC
Key Points
Reading the given points we find that:
• Sentence A and B end with an article i.e a and then.
• As per the rule of grammar, a sentence cannot end with an article.

YourMockTest.com — Free Study Material

• Thus we can conclude that C is the only sentence that can be the ending statement.
• And the only option where C is the ending statement is ABC.
• Thus from the above points, we can conclude that the correct answer is ABC.
Correct Sentence: We need to ask ourselves if personal isolation is a natural concomitant of the advancement of technology.

Q25. Answer: (a) conjectural

The correct option is conjectural
Key Points
Out of the given options only conjectural is correctly spelt.
• Conjectural: based on or involving conjecture.
• Example: The evidence was deemed too conjectural.
Thus from the given points, we find that the correct answer is conjectural.
Additional Information
Conjectural is an adjective form of the noun conjuncture.
• Conjecture: an opinion or conclusion formed on the basis of incomplete information

Q26. Answer: (b) 21, 33, 89, 24

1) 23,69,13,87 → G V C P
2) 21,33,89,24 → F A R M
3) 20,97,12,65 → H X G Y
4) 14,79,32,65 → M X B Y
Hence, “21,33,89,24” is the correct answer.

Q27. Answer: (a) 66

The logic followed is:
Logic: (First number + 1) × 3 = Second number
19: 60 → (19 + 1) × 3 = 60
Similarly,
21 : ? → (21 + 1) × 3 = 66
Hence, the correct answer is "66".

Q28. Answer: (a) PKG

The positional value of the letters, according to the English alphabet series are,
The pattern followed here is:
SRM : IHC →
Similarly,
ZUQ : PKG →
Hence, the correct answer is "PKG".

Q29. Answer: (b) Cube

Area, Volume and perimeter are dimensions of a geometrical figure whereas cube is a geometrical figure.
Hence, the correct answer is "Cube".

Q30. Answer: (d) 22 - 464

The logic followed here is:
Logic: (First number) : (First number)^2
1) 14 - 196 → 14 - 14^2
2) 16 - 256 → 16 - 16^2
3) 18 - 324 → 18 - 18^2
4) 22 - 464 → 22 - 464
Hence, the correct answer is "22 - 464".

Q31. Answer: (d) KOR

The position value of alphabet is,

The pattern follows here is:

1) BFJ

2) PTX

3) JNR

4) KOR

Hence, the correct answer is "KOR".

Q32. Answer: (c) 53142

The sequence is as followed:

5. People

3. Periodic

1. Perplex

4. Persist

2. Persistent

Hence, the correct answer is "53142".

Q33. Answer: (a) 64

The logic followed is:

Hence, the correct answer is "64".

Q34. Answer: (a) P

The pattern followed here is:

According to the alphabetical positions of the letters,

The logic followed is:

Hence, the correct answer is "P".

Q35. Answer: (c) 55

Let us consider the age of R and P to be 9x: 11x, after 7 years their age will be (9x + 5) and (11x + 5) which is equal to a ratio 26: 31.

So by comparing that we will get,

(9x + 7) : (11x + 7) = 26 : 31

31 (9x + 7) = 26 (11x + 7)

279x + 217 = 286x + 182

217 - 182 = 286x - 279x

X = 5

Therefore x = 5, then the present age of P will be 11x = 11 × 5 = 55.

Hence, the correct answer is "55".

Q36. Answer: (d) Right

Into → Revolution → can be formed

Vote → Revolution → can be formed

Tone → Revolution → can be formed

Right → Revolution → cannot be formed as G is not present in the given word

Hence, the correct answer is "Right".

Q37. Answer: (a) CPIEG

The positional value of the letters, according to the English alphabet series is,

The logic followed here is:

FUNGI → HYPKK

Similarly,

ALGAE → CPIEG

Hence, the correct answer is "CPIEG".

YourMockTest.com — Free Study Material

Q38. Answer: (d) RMF

Hence, the correct answer is RMF.

Q39. Answer: (b) 46

The logic followed is:

39 + 1 → 40

40 + 2 → 42

42 + 1 → 43

43 + 2 → 45

45 + 2 → 46

Hence, the correct answer is 46.

Q40. Answer: (b) (18, 21, 25)

The logic followed here is:-

Second number = First number + 3

Third number = First number + 6

1) In (16, 19, 22)

(16, 16 + 3, 16 + 6) = (16, 19, 22)

2) In (18, 21, 25)

(18, 18 + 3, 18 + 6) = (18, 21, 24)

3) In (17, 20, 23)

(17, 17 + 3, 17 + 6) = (17, 20, 23)

4) In (21, 24, 27)

(21, 21 + 3, 21 + 6) = (21, 24, 27)

Hence, the correct answer is "(18, 21, 25)".

Q41. Answer: (b) 42

Given equation: 17 - 20 + 5 × 30 ÷ 4 = ?

Sign	**÷**	**•**	**•**	**×**
Code	•	×	÷	•

After replacing the symbols with their meaning, we get:-

New equation → 17 × 20 ÷ 5 - 30 + 4

Now, after applying BODMAS Rule, we get:-

17 × 20 ÷ 5 - 30 + 4

17 × 4 - 30 + 4

68 - 30 + 4

72 - 30 = 42

Hence, the correct answer is "42".

Q42. Answer: (a) ÷ and ×

Given equation → 16 × 4 - 10 + 10 ÷ 6 = 54

Checking options one by one by interchanging signs

1) ÷ and ×

After interchanging, new equation → 16 ÷ 4 - 10 + 10 × 6 = 54

By solving the equation using BODMAS Rule, we get:-

16 ÷ 4 - 10 + 10 × 6 = 54

4 - 10 + 10 × 6 = 54

4 - 10 + 60 = 54

64 - 10 = 54

54 = 54

Left hand side is equal to right hand side

2) × and -

YourMockTest.com — Free Study Material

After interchanging, new equation → 16 - 4 × 10 + 10 ÷ 6 = 54
By solving the equation using BODMAS Rule, we get:-
16 - 4 × 10 + 10 ÷ 6 = 54
16 - 4 × 10 + 1.66 = 54
16 - 40 + 1.66 = 54
17.66 - 40 = 54
-22.34 ≠ 54
Left hand side is not equal to right hand side
3) ÷ and -
After interchanging, new equation → 16 × 4 ÷ 10 + 10 - 6 = 54
By solving the equation using BODMAS Rule, we get:-
16 × 4 ÷ 10 + 10 - 6 = 54
16 × 0.4 + 10 - 6 = 54
6.4 + 10 - 6 = 54
16.4 - 6 = 54
10.4 ≠ 54
Left hand side is not equal to right hand side
4) - and +
After interchanging, new equation → 16 × 4 + 10 - 10 ÷ 6 = 54
By solving the equation using BODMAS Rule, we get:-
16 × 4 + 10 - 10 ÷ 6 = 54
16 × 4 + 10 - 1.66 = 54
64 + 10 - 1.66 = 54
74 - 1.66 = 54
72.33 ≠ 54
Left hand side is not equal to right hand side
Hence, the correct answer is "÷ and ×".

Q43. Answer: (b) -10

The logic followed here is:-
(First number - Second number) × 10 = Result.
In 9 & 4 = 50
(9 - 4) × 10 = 50
In 3 & 7 = -40
(3 - 7) × 10 = -40
In 7 & 5 = 20
(7 - 5) × 10 = 20
Similarly,
In 4 & 5 = -10
(4 - 5) × 10 = -10
Hence, the correct answer is "-10".

Q44. Answer: (d) RSRSRQPQ

The pattern followed here is:-
The letters are increased by 2 as in alphabetical series, starting from the first letter.
PQPQPQPQ → RQPQPQPQ → RSPQPQP → RSRQPQPQ → RSRSPQPQ → RSRSRQPQ.
Hence, the correct answer is "RSRSRQPQ".

Q45. Answer: (c) 6 km East

Given → C and D start cycling from their fitness club
The route taken by C is shown in definite lines and route taken by D is shown in dashed lines.
Hence, the correct answer is "6 km East ".

Q46. Answer: (a) Only conclusion I follows

The least possible Venn diagram is as follows,

Conclusion I: Some cells are chargers → Follows (In the above diagram shows there is a relation between cells and charges.)

Conclusion II: All chargers are cells → Not follows (It is possible but not definite)

Hence, the correct answer is "Only conclusion I follows ".

Q47. Answer: (c) IH

The rectangle represents Animators,

The circle represents Dancers,

Triangle represents Potters,

Square represents Mothers

Thus the letters inside the triangle but not in the intersection of the square and triangle represent Potters who are not Mothers i.e. IH.

Hence, the correct answer is "IH".

Q48. Answer: (c) [figure]

Above diagram shown is represent correct mirror image of given question figure.

Hence, the correct answer is "Option 3".

Q49. Answer: (a) [figure]

In option 1 the opposite faces are adjacent, which is impossible.

Hence, the correct answer is "Option 3".

Q50. Answer: (a) 13,86,77,97

The pattern followed here is:

A letter is represented first by a row and then by a column

1) 13,86,77,97 → G,Y,R,O

2) 13,57,24,77 → G,P,A,R

3) 10,65,42,79 → M,S,K,Q

4) 20,56,13,75 → H,X,G,S

Hence, the correct answer is "13,86,77,97".

Q51. Answer: (c) 13/16 > 3/4 > 16/29 > 5/12 > 3/8

Detailed solution:-

3/4 = 0.75

5/12 = 0.41

13/16 = 0.8125

16/29 = 0.55

3/8 = 0.375

So, the decreasing order is 13/16 > 3/4 > 16/29 > 5/12 > 3/8

Q52. Answer: (c) 79

Concept used:-

(1)Prime numbers are numbers greater than 1.

(2) They only have two factors, 1 and the number itself.

(3) This means these numbers cannot be divided by any number other than 1 and the number itself without leaving a remainder. Numbers that have more than 2 factors are known as composite numbers.

Calculation:-

Factors of 39 = 3 × 13

Factors of 87 = 3 × 29

Factors of 79 = 1 × 79

Factors of 93 = 3 × 31

So, the prime no. = 79

Therefore The required answer is 79.

YourMockTest.com — Free Study Material

Q53. Answer: (c) (- (10√3 - 33√2))/12

=> x = 4/(2√3 + 3√2) × (2√3 - 3√2)/(2√3 - 3√2); => x = (8√3 - 12√2)/(12 - 18) [rationalization]

=> x = (8√3 - 12√2)/(- 6); => 1/x = (2√3 + 3√2)/4

=> x + 1/x = (8√3 - 12√2)/(- 6) + (2√3 + 3√2)/4

=> x + 1/x = (2√3 + 3√2)/4 - ((8√3 - 12√2))/6

=> x + 1/x = (6√3 + 9√2 - (16√3 - 24√2))/12

=> x + 1/x = (6√3 + 9√2 - 16√3 + 24√2))/12

=> x + 1/x = (- 10√3 + 33√2)/12; => x + 1/x = (- (10√3 - 33√2))/12

Q54. Answer: (a) -2/3

Given:

4y – 6x + 9 = 0 ----(1)

Concept used:

Equation of perpendicular line x cos a + y sin a = P ----(2)

Calculation:

Comparing eq. (1) and (2)

cos a = – 6 and sin a = 4 and P = – 9

Slope, m = tan a = sin a/cos a = -4/6 = -2/3

Therefore The correct answer is -2/3

Alternate Method

4y – 6x + 9 = 0

=> y = 3x/2 + 9/4

Comparing it with y = mx + c

m = 3/2

The slope of perpendicular lines

m1m2 = -1 where m1 = 3/2

=> m2 = -2/3

Q55. Answer: (d) 14

Given:-

The two chords AB and CD of a circle intersect at point P, such that BP = 4 cm, PD = 5 cm, and CP = 8 cm.

Concept used:-

In a triangle, when two lines intersect at a point and touch one segment of the triangle, then that segment is twice the length of one of the intersecting lines. AP × BP = CP × PD

Calculation:-

According to the theorem,

AP × BP = CP × PD

=> AP × 4 = 8 × 5

=> AP = 10

Therefore Chord AB = AP + BP = 10 + 4 = 14 cm

Therefore The required answer is 14.

Q56. Answer: (d) 78.5

Given:-

(1) AB is the chord of a circle of length 6 cm.

(2) a perpendicular is drawn which intersects the chord at D and the distance between the center and the chord is 4 cm.

Formula used:-

(1) Hypotenuse^2 = Perpendicular^2 + Base^2

(2) Area of the circle = πr^2

(3) If a radius of a circle is perpendicular to a chord in the circle, then the radius bisects the chord.

Calculation:-

In triangle AOP,

$(AO)^2 = (AP)^2 + (OP)^2$

=> $(AO)^2 = (3)^2 + (4)^2 = 9 + 16 = 25$

=> AO = 5 cm = radius

Therefore Area of the circle = $\pi r^2 = 22/7 \times 5 \times 5 = 550/7 = 78.5$ cm²

Therefore The required answer is 78.5

Q57. Answer: (a) 30

Shortcut Trick

Income : Expenditure : Savings = 60000 : 40000 : 20000 = 3 : 2 : 1

Use weighted average: Income % = (Exp % × Exp part + Sav % × Sav part) / Total parts

20% = (15% × 2 + x% × 1) / 3

60 = 30 + x => x = 30%

Therefore The correct answer is 30%.

Alternate Method

Given: Initial Income = Rs. 60,000, Initial Expenditure = Rs. 40,000

Formula: Savings = Income − Expenditure

=> Initial Savings = 60,000 − 40,000 = Rs. 20,000

=> New Income = 60,000 × (120/100) = Rs. 72,000

=> New Expenditure = 40,000 × (115/100) = Rs. 46,000

=> New Savings = 72,000 − 46,000 = Rs. 26,000

=> Increase in Savings = 26,000 − 20,000 = Rs. 6,000

=> Percentage Increase = (6,000 ÷ 20,000) × 100 = 30%

Therefore The correct answer is 30%.

Additional Information

Income-Expenditure-Savings Relation

The fundamental equation is Income = Expenditure + Savings. Any percentage change in one can be found if the changes in the other two and their initial ratios are known.

Alligation Method in Income

This problem can also be solved using alligation where the ratio of expenditure to savings is placed against their respective percentage increases to find the overall income increase.

Successive Percentage Change

If a value changes by a% and then b%, the net change is given by (a + b + ab/100)%. This applies to revenue (Price × Consumption) but not directly to additive relations like Income.

Q58. Answer: (d) 6 : 9 : 32

u : v : w = 3 : 6 : 8

Ratio of (u/v) : (v/w) : (w/u)

=> (3/6) : (6/8) : (8/3)

=> (1/2) : (3/4) : (8/3)

=> (1/2) × 12 : (3/4) × 12 : (8/3) × 12

=> 6 : 9 : 32

Therefore The required answer is 6 : 9 : 32

Q59. Answer: (b) 22500, 7500

Let Puneet lent Rs. a at 5% and Rs. (30000 – a) at 9% interest

S.I. = (P × R × T)/100

=> (30000 × 6 × 1)/100 = (a × 5 × 1)/100 + ((30000 – a) × 9 × 1)/100

=> 30000 × 6 × 1 = a × 5 × 1 + (30000 – a) × 9 × 1

=> 180000 = 5a + 270000 – 9a

=> 4a = 270000 – 180000

=> 4a = 90000

=> a = 22500

Therefore 30000 – a = 30000 – 22500 = 7500

YourMockTest.com — Free Study Material

Q60. Answer: (c) 73

Shortcut TrickThe average of 19 boys is 56.

Therefore The highest and lowest marks are 56.

=> Sum of highest and lowest marks = 56 + 56 = 112

Since the average is decreased by 2 when the highest and lowest marks are removed.

=> Number of boys after removing highest and lowest marks = 19 - 2 = 17

=> Actual sum of highest and lowest marks = 112 + 2 × 17 = 112 + 34 = 146

=> Average of highest and lowest marks = 146/2 = 73

Detailed Solution:

Total marks obtained by 19 students = 19 × 56 = 1064

Total marks of 17 students after removing highest and lowest marks = 17 × (56 – 2) = 918

Sum of highest and lowest marks = 1064 – 918 = 146

Therefore Average of highest and lowest marks = 146 ÷ 2 = 73

Q61. Answer: (a) 8640

Given:-

A sum of Rs. 5000 becomes Rs. 8000 in 3 years when invested in a scheme of simple interest.

Formula used:-

(1) S.I = Amount – Principal

(2) S.I. = (P × R × T)/100

Calculation:-

S.I = Amount – Principal = 8000 – 5000 = 3000

S.I. = (P × R × T)/100

=> 3000 = (5000 × R × 3)/100

=> R = 1000/50 = 20% = 1/5

Therefore Amount after 3 years (at C.I.) = 5000 × 6/5 × 6/5 × 6/5 = 8640

Q62. Answer: (d) 33.33

Given:-

(1) A shopkeeper sells wheat at a profit of 20% and for weighing uses a weight that is 10% less than the actual weight.

Formula used:-

(1) Profit = S.P – C.P. (SP = Selling Price, CP = Cost Price)

(2) Profit % = (Profit × 100)/CP

Calculation:-

Let the shopkeeper sells 1000 gm of wheat at Rs. 1000.

S.P of wheat = 120% of C.P = 1000 × 120/100 = 1200

Shopkeeper weight is 10% less, so C.P of 900gm wheat = Rs. 900

Profit of shopkeeper = 1200 – 900 = Rs. 300

Therefore Profit% = 300/900 × 100 = 33.33%

Q63. Answer: (d) 5940

Given:-

(1) A table is sold at a discount of 45%.

(2) The marked price of the table is Rs 10800

Formula used:-

S.P = M.P. × (100 - Discount)/100

Where SP = selling price, MP = marked price

Calculation:-

=> S.P = M.P. × (100 - Discount)/100

=> S.P. = 10800 × (100 - 45)/100

=> S.P. = 10800 × 55/100

Therefore S.P. = 108 × 55 = 5940

Therefore The required answer is 5940

YourMockTest.com – Free Study Material

Q64. Answer: (c) Neither I nor II

Concept used:

If a no. is greater than another no. than its square is also greater than another no

Calculation:

Checking 1^(st) Statement (√11 + √2) > (√8 + √5)

On squaring the given statements

=> (√11 + √2)² > (√8 + √5)² = (√11)² + (√2)² + 2 × √11 × √2 > (√8)² + (√5)² + 2 × √8 × √5

=> 11 + 2 + 2 × √11 × √2 > 8 + 5 + 2 × √8 × √5 = 13 + 2 √22 > 13 + 2 √40

Condition of 1^(st) Statement is false.

Checking 2^(nd) Statement (√10 + √3) > (√7 + √6)

On squaring the given statements

(√10 + √3)² > (√7 + √6)² = (√10)² + (√3)² + 2 × √10 × √3 > (√7)² + (√6)² + 2 × √7 × √6

=> 10 + 3 + 2 × √30 > 7 + 6 + 2 × √42 = 13 + 2 √30 > 13 + 2 √42

Condition of 2^(nd) Statement is false.

Therefore The answer is Neither I nor II.

Q65. Answer: (b) 27

Detailed solution:-

Let No. of girls be G and the total work is W.

(M1× D1)/W1 = (M2× D2)/W2

=> (G × 18)/W = (2G × D2)/3W

=> (1 × 18)/1 = (2 × D2)/3

Therefore D2 = 18 × 3/2 = 27 days

Therefore The required answer is 27

Q66. Answer: (c) 520

Detailed solution:-

Let the speed of the fast train is S_(f ,)and the speed of the slow train is S_(s.)

=> (Length of the fast train)/Time = S_f– S_s

=> (Length of fast train)/72 = 5/18 × (50 - 24)

=> Length of fast train = 5/18 × 26 × 72

Therefore Length of fast train = 520 m

Q67. Answer: (b) 8000

Calculation:

Average price of a car = 5 lakhs

Total car sold in a month = Car sold of brand (A + B + C + D + E + F + G)

=> Total car sold in a month = 200 + 260 + 340 + 100 + 280 + 200 + 220 = 1600

Therefore Total car sales in a month = 1600 × 5 = 8000

Q68. Answer: (d) 50%

Therefore Units sold of brand D was lesser than that of brand F by = (200 – 100)/200 × 100 = 50%

Q69. Answer: (d) 11 : 14

Therefore Ratio of units sold of brand G to that of brand E = 220 : 280 = 11 : 14

Q70. Answer: (a) E

340 is the highest units sold of Car C

So 280 is the second highest units sold of Car E.

Q71. Answer: (c) 21

Given:-

(1) Length = 20cm (2) Diagonal = 29 cm

Formula used:-

Hypotenuse² = Perpendicular² + Base²

Calculation:-

L = 20 cm, D = 29 cm, and B = ?

=> $D^2 = L^2 + B^2$

=> $29^2 = 20^2 + B^2$

=> $B^2 = 841 – 400$

=> $B^2 = 441$

=> B = 21

Therefore The required answer is 21.

Q72. Answer: (c) 6

Detailed solution:-

Number of sides = N

Sum of interior angles = (N – 2) × 180

=> 720 = 180N – 360

=> 720 + 360 = 180N

=> 180N = 1080

=> N = 6

Therefore The required answer is 6.

Q73. Answer: (c) 91.125

Given:-

A cube of side 4.5 cm.

Formula used:-

Volume of cube = (side)3

Calculation:-

Volume of cube = $(side)^3 = 4.5^3$

Therefore Volume of cube = 91.125 cm^3

Q74. Answer: (d) 2 - √3

Detailed solution:-

We know that,

tan60= √3

Put the value of tan60 in a given function

=> 2 - tan 60° = 2 – √3

Therefore The required answer is 2 – √3.

Q75. Answer: (d) 24/25

Given:-

(1) ΔUVW is right-angled at V.

(2) sinU = 24/25

Formula used:-

(1) Sin U = Length /Hypotenuse

(2) Cos U = Base / Hypotenuse

Calculation:-

=> Sin U = 24/25 = VW/UW

=> Cos W = VW/UW = 24/25

Therefore The required answer is 24/25

Q76. Answer: (a) London Inter-Bank Offered Rate

The expanded form of the term LIBOR is: London Inter-Bank Offered Rate.

• The average interest rate roughly calculated by leading banks in London which they would pay if they borrow from other banks is called as LIBOR.

• It was earlier known as BBA Libor whose full form was British Bankers' Association Libor.

YourMockTest.com — Free Study Material

• These rates are calculated for five currencies and published every day by Thomson Reuters.

Q77. Answer: (c) an official who holds the rank of a Cabinet Minister

An official who holds the rank of a Cabinet Minister holds the post of Deputy Chairman of the Planning Commission.

• The Planning commission was set up in March 1950 by a Resolution of Government of India.

• It makes an assessment and balanced utilization of all resources of the country.

• The Prime Minister is the ex- officio Chairman of the Planning Commission.

• Montek Singh Ahluwalia, was the last deputy chairman of the commission, resigned on May 26, 2014.

Q78. Answer: (c) Ghari

• Ghari was initiated by the Alauddin Khilji. Ghari was a house tax which was imposed by him on the people of his reign.

• Kharaj was a tax imposed by Firozshah Tughlaq on total production of lands which belonged to Non - Muslims.

• Zakat was a religious tax which was imposed on Muslims.

• In Kankut, the entire land was measured by pacing it and the crops were roughly calculated by inspection.

Q79. Answer: (b) East India Association

The correct answer is option 2 i.e East India Association.

• East India Association was established outside India.

• It was formed by some Indian students in London in 1866.

• It was initiated by Dadabhai Naoroji.

• It was among the former organizations of the Indian National Congress.

• The Indian Association:

• It was the first avowed nationalist organization founded in British India by Surendranath Banerjee and Ananda Mohan Bose in 1876

• Bengal-British India Society:

• It was founded in Calcutta in 1843.

• India League:

• The India League originally was a Britain-based organisation whose aim was to campaign for the full independence and self-governance of India.

• It was formally established in 1928 by Krishna Menon.

Q80. Answer: (c) Mount Black

The correct answer is Mount Black.

Key Points

• Mountain

• A Mountain is any natural elevation, rising considerably higher (above 600m) than the surrounding area. They generally have a small summit and a broad base.

• Volcanic Mountains or Mountains of accumulation- These mountains are formed by the accumulation of volcanic materials.

Additional Information

• Mount Etna is an active volcano on the east coast of Sicily in Italy.

• It is located between the cities of Messina and Catania.

• It is the most active stratovolcano in the world.

• Mount Etna is the highest active volcano in Europe.

• It is the highest Mediterranean island mountain.

• Three observatories have been set up on its slopes located at Catania, Casa Etnea, and Cantoniera.

• It was added to the list of UNESCO World Heritage Sites in 2013.

• Mount Fujiyama

• Mount Fuji is of the volcanic origin.

• In Japanese it is also called as Fuji-san and Fujiyama.

• Mount Fuji is located on Honshu Island of Japan.

• The islands of Japan from North to South are Hokkaido, Honshu, Shikoku, Kyushu and Okinawa.

• Mount Kilimanjaro is located in Tanzania, Africa.

• Mount Kilimanjaro is the African continent's highest peak at 5,895 meters (19,340 feet).

• The majestic mountain is a snow-capped volcano.

• Mount Kilimanjaro is Africa's tallest mountain.

• It is also called a stratovolcano (a term for a very large volcano made of ash, lava, and rock)Kilimanjaro is made up of three cones: Kibo, Mawenzi, and Shira. Kibo is the summit of the mountain.

Q81. Answer: (b) Cardamom Hills

The correct answer is Cardamom Hills.

Key Points

• Cardamom hills- Cardamom hills are in the state of Tamil Nadu.

• The highest peak of the cardamom hills is Anai Mudi.

• These hills are adjacent to Kanyakumari.

• It is widespread in the states of Kerala and Tamil Nadu.

• These hills are famous for the production of good tea and cardamom.

Additional Information

• Nilgiri Hills are situated in Tamil Nadu.

• Doddabetta is the highest peak of the Nilgiri hills.

• Nilgiri hills are a part of the Western Ghats.

• The hills are located at the tri-junction of the states Karnataka, Kerela, and Tamil Nadu.

• These mountains are named after the Neelakurunji flowers (purplish-blue flowers) found in the Shola forests of Nilgiri hills.

• Nilgiri Hills are known as the Blue Mountains.

• Palani hills- Palani hills is a range of mountains that lie in the states of Kerala and Tamil Nadu.

• The hill is an eastward extension of the Western Ghats, which aligns with the west coast of India.

• Annamalai hills- The highest hill is Annamalai, which has a height (2,695 meters).

• These hills are the joint place of the Eastern and Western Ghats and are oriented towards the northwest and south-East.

• It is also called Elephant Mountains.

Q82. Answer: (c) Chhau of Mayurbhanj

• Chhau of Mayurbhanj is a war-related dance.

• It originated from the forests of Mayurbhanj(a district in Odisha) in the 18th century.

• The status of a martial art form was given to it in the 19th century.

Q83. Answer: (a) Hebei, China

World's longest glass bridge that was opened for the public on December 24, 2017, is located in Hebei, China.

• It is 488-meter long glass footpath.

• The bridge is designed to hold 3,000 people.

Q84. Answer: (c) Maha Chakri Sirindhorn

Maha Chakri Sirindhorn is a recipient of first World Sanskrit Award.

• Born in 1955, she is the Princess of Thailand.

• She was honoured with this award for her contribution towards the promotion of languages for the year 2015.

• She is a well-known educator and scholar of Sanskrit and Pali.

• World Sanskrit Award was instituted by the Indian Council for Cultural Relations (ICCR).

Q85. Answer: (a) Shaanxi

The correct answer is option 1 i.e Shaanxi.

• Shaanxi has the largest production of coal in China.

• China ranks first among the biggest producer of coal in the world in 2018.

• India ranks second among the biggest producer of coal in the world in 2018.

Q86. Answer: (b) 10^5times lesser

Concepts:

• The nucleus of an atom is positively charged.

• It comprises of neutrons and protons.

• Rutherford is known for his Alpha Scattering Experiment.

• So, cathode rays have both mass and charge.

YourMockTest.com — Free Study Material

According to Rutherford the radius of the nucleus is about 10^5 times lesser than the radius of the atom.

Additional Information

John Dalton

• raised the atomic theory that acted as an explanation of the following two laws.

Law of conservation of mass –

• According to the law, mass can neither be destroyed nor created in any chemical reaction.

Law of constant proportion/ definite proportion –

• The laws state that in a chemical substance, the elements are always present in certain proportions by mass.

• For example:

• Oxygen & Hydrogen are present in water in a ratio of 8:1.

• So we will obtain 1g of hydrogen and 8g of oxygen if we decompose 9g of water.

Atom:

• An atom is the smallest invisible unit of matter that constitutes a chemical element.

• Every plasma, solid, gas & liquid, is composed of ionized or neutral atoms.

• Around 100 picometers across, atoms are extremely small.

• Atomic theory:

• John Dalton discovered the atomic theory.

• As per the theory, all matter whether it is a mixture, compound, or element, consists of invisible particles called ‘atoms’.

Q87. Answer: (d) All I, II and III

Ionic compounds have a high boiling point, have a high melting point and conduct electricity in solution.

• The compounds which are made up of ions are called as ionic compounds.

• Atoms lose or gain electrons and develop a net positive or negative charge to form an ion.

Q88. Answer: (c) Speaker of Lok Sabha

Speaker of Lok Sabha is the principal spokesman of the Lok Sabha.

• He/she is the presiding officer of the Lok Sabha who serves for a period of five years.

• He/she is chosen from among the members of the Lok Sabha.

• SumitraMahajan of the BharatiyaJanata Party is the current Lok Sabha Speaker.

Q89. Answer: (a) Question hour

The correct answer is option 1 i.e Question hour.

• In India, the first hour of every Parliamentary sitting is allotted for Question Hour.

• In this hour, the Members of the Parliament raise questions related to the activity of the Administration.

Types Of Questions during Question Hour	Method of Answer
Starred	Oral reply
Non- starred	Written reply

• Zero hour

• Zero Hour is a 30 minute's session wherein a member gets three minutes to raise the issue.

• Moreover, a member is allowed to make only one Zero Hour request during a week.

• Unlike the Question Hour, it is not mentioned in the Rules of Procedure.

Q90. Answer: (a) I – 2, II – 3, III – 1

Digestive Input	Output
Proteins	Amino acids
Carbohydrates	Glucose
Fats	Glycerol

• The large biomolecules consisting of one or more long chains of amino acid residues is called as Protein.

• A biomolecule consisting of carbon, hydrogen and oxygen atoms with an atom ratio of the hydrogen-oxygen atom as 2 : 1, is called as Carbohydrate.

• Also known as triglycerides, Fats are esters of three fatty acid chains and the alcohol glycerol.

Additional Information

Proteins

• The Proteins is a Polypeptide bond which is a sequence of amino acid.

• The end product of protein digestion is amino acids.

• Proteins are digested and broken down into amino acids with the help of enzymes.

• Amino acids are very small, they are able to be absorbed through the small intestine lining and into your bloodstream.

Carbohydrates

• Carbohydrates are the small repeating units of Monosaccharides.

• The end product of the digestion of Carbohydrates is Monosaccharides.

• A monosaccharide is a simple sugar such as fructose or glucose.

• The monosaccharides are absorbed into the bloodstream and delivered to the liver.

• It is used for energy for cell functioning.

Nucleic acids

• A nucleic acid is an organic compound such as DNA or RNA that is built of small units called nucleotides.

• Many nucleotides bind together to form a chain called a polynucleotide.

• The nucleic acid DNA (deoxyribonucleic acid) consists of two polynucleotide chains.

• The nucleic acid RNA (ribonucleic acid) consists of just one polynucleotide chain.

• The products of digestion of nucleic acid are pentose sugars, nitrogenous bases and phosphate ions.

• These products are transported by carriers across the villus epithelium and then enters into bloodstreams.

Lipids

• A lipid is an organic compound such as fat or oil.

• Organisms use lipids to store energy.

• Lipids consist of repeating units called fatty acids.

• The products of digestion of Lipids are Fatty acid and glycerol.

Q91. Answer: (c) J.E Purkinje

• J.E Purkinje coined the term ‘protoplasm’ for the fluid substance of the cell.

• He coined the term ‘protoplasm’ in 1839.

• The living content of a cell that is surrounded by a plasma membrane is called the Protoplasm.

• It is composed of a mixture of small molecules such as ions, amino acids, monosaccharides and water, and macromolecules such as nucleic acids, proteins, lipids, and polysaccharides.

Q92. Answer: (a) Rs. 6.50 lakh

• Under Aajeevika Grameen Express Yojana (AGEY) launched in Aug 2017, the beneficiary will be provided an interest-free loan up to Rs 6.50 lakh for purchase of the vehicle.

• The Government of India launched this scheme as a part of the Deendayal Antyodaya Yojana – National Rural Livelihoods Mission (DAY-NRLM).

• Safe, affordable and community supervised rural transport services like e-rickshaws, 3 and 4 wheeler transport vehicles to connect remote villages, is the objective of this scheme.

Q93. Answer: (d) Massachusetts Institute of Technology

As of 2017, the Scientists of Massachusetts Institute of Technology (MIT) have found a way to induce points to give off dim light to plants by embedding luciferase enzyme.

• The vision behind this invention was to make plants function as a desk lamp which is not powered by electricity but by the energy metabolism of the plant itself.

Q94. Answer: (b) 10

• In September 2017, RBI has capped bank investments in private equity fund at 10 percent of paid-up capital.

• Under the guidelines issued by RBI, now the banking subsidiaries which make investments in private equity above 10% of the capital would have to look for the approval from the banking regulator.

Q95. Answer: (c) NABARD Act, 1981

• On 2 January 2018, Parliament passed NABARD (Amendment) Bill, 2017 which seeks to amend NABARD Act, 1981.

• NABARD stands for National Bank for Agriculture and Rural Development.

• Under this Bill, NABARD will provide and regulate facilities like credit for industrial development and agricultural in the rural areas.

Q96. Answer: (c) 87.5

Due to an acceleration of 1 m/s2 the velocity of a body increases from 15 m/s to 20 m/s in a certain period. The displacement of the body in that period is 87.5 m.

Formula for displacement

s = ut + 1/2 a t² (Where u = initial velocity 15 m/s, a = acceleration 1m/s², time taken)

Formula for time

t = (v - u)/a (where v = final velocity 20 m/s).

For finding time:

t = ((20 - 15))/1 = 5 seconds

For finding displacement

S = 15 × 5 + 1/2 × 1 × 5 × 5

= 87.5 m

Q97. Answer: (d) Directly proportional to

The gravitational force of attraction between two bodies is directly proportional to the product of their masses.

It is also inversely proportional to the square of the distance between them.

F = G (m1m2/r²)

Where F is the force between the masses;

• G is the gravitational constant (6.674×10^(−11) N · (m/kg)²);

• m1 is the first mass;

• m2 is the second mass;

• r is the distance between the centers of the masses.

Q98. Answer: (b) seismic

The boundaries of the plates of the earth's crust are the weak zones known as seismic zones.

• The boundaries of the earth's plate are weak zones. Here earthquakes are more likely to occur.

These weak zones are called seismic or fault zones.

• Seismic or fault zones of India: In India, most of the threatened areas are:

• Kashmir

• Western and central Himalayas

• The whole of North-East

• Rann of Kutch

• Indo-Gangetic Plain.

• Some areas of south India.

Q99. Answer: (a) Both A and C

• Grigor Dimitrov won the Tennis 2017 ATP World Tour Finals Men's Singles.

• In 2017, Rohit Sharma captained the IPL team Mumbai Indians.

• GrigorDimitrov (a Bulgarian tennis player) won the title by defeating David Goffin (a Belgian tennis player) in in the final.

• Rohit Sharma in 2017 captained the IPL team, Mumbai Indians, which was founded in 2008 and is owned by Reliance Industries.

Q100. Answer: (c) Computer

The correct answer is Computer.

Key Points

• A computer is an electronic device that manipulates information or data.

• It has the ability to store, retrieve, and process data.

• You may already know that you can use a computer to type documents, send an email, play games, and browse the Web.

• Electronic devices are components for controlling the flow of electrical currents for the purpose of information processing and system control.

• Examples include transistors and diodes

YourMockTest.com — Free Study Material

• Electronic devices are usually small and can be grouped together into packages called integrated circuits.

Additional Information

• Hardware is any part of your computer that has a physical structure, such as the keyboard or mouse. It also includes all of the computer's internal parts.

• Software is any set of instructions that tells the hardware what to do and how to do it. Examples of software include web browsers, games, and word processors.

More previous year papers and mock tests: **www.yourmocktest.com/pyq**

YourMockTest.com — Free Study Material