SSC MTS Previous Year Paper (Held on: 11 July 2022 Shift 3)

SSC Multi-Tasking Staff (MTS) • 2022 • 100 questions • 90 minutes • Answer key

Take this paper as a timed mock test

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

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

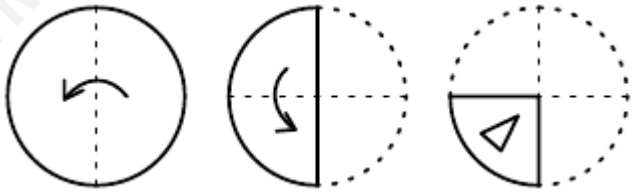
GENERAL INTELLIGENCE & REASONING

Q1. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

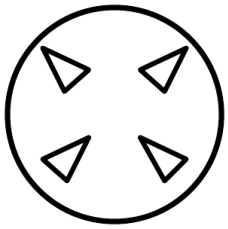
196 : 226 :: 256 : 290 :: 324 : ?

(a) 362
(b) 358
(c) 352
(d) 372

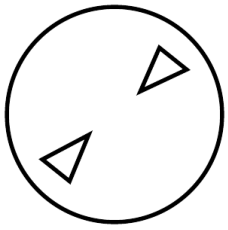
Q2. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



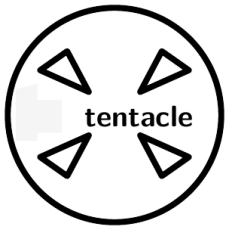
(a)



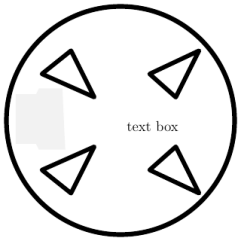
(b)



(c)



(d)



Q3. In a certain code language, if February is called March, March is called April, April is called June, June is called September, and September is called November, then which month will have the most number of days?

(a) September
(b) March
(c) April
(d) June

Q4. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g 13 - Operations on 13 such as adding / deleting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

(3, 4, 24)

(4, 5, 40)

(a) (4, 6, 36)
(b) (5, 7, 42)
(c) (3, 7, 21)
(d) (2, 7, 28)

Q5. The ages of seven students of a tuition class, Prem, Qazi, Rishav, Subham, Tania, Urvashi and Vinita, are as follows:

Prem is the second oldest. Vinita is older than only one person in the class. Subham is older than Tania but younger than Prem. Three students are older than Tania and three are younger than Tania. Neither Rishav nor Qazi is the youngest.

Given that no two students have the same age, who is the youngest?

(a) Subham
(b) Urvashi
(c) Vinita
(d) Tania

Q6. In a certain code language, ‘Toys are hard’ is coded as ‘# % @’, and ‘Games magnet is toys’ is coded as ‘fr lm ag #’. What is the code for ‘Toys’ in that language?

(a) @
(b) #
(c) %
(d) fr

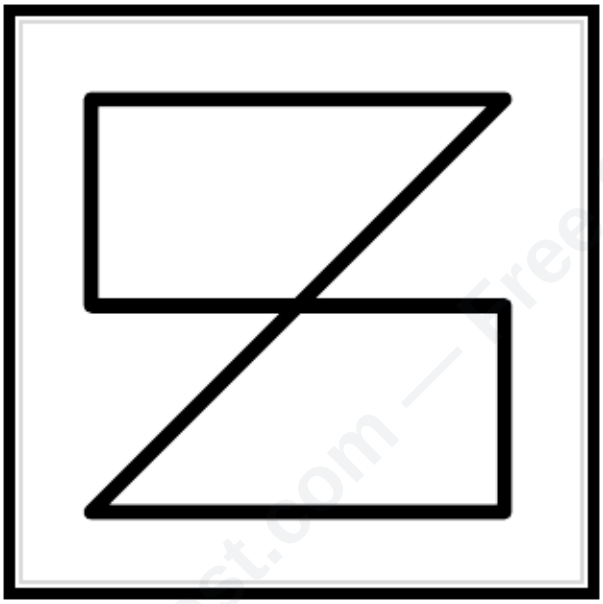
Q7. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

METHOD : OIZPYP :: SAFETY : UELMDK :: YELLOW : ?

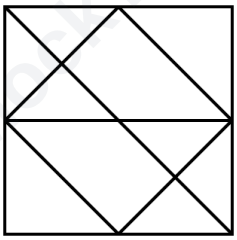
(a) AIRTXI
(b) AIRTYJ
(c) AIRTXJ
(d) AIRTYI

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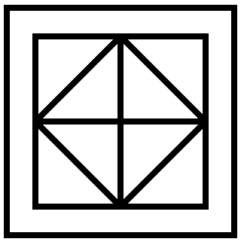
Q8. Select the option in which the given figure is embedded (rotation is NOT allowed).



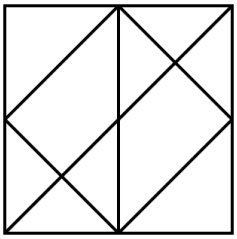
(a)



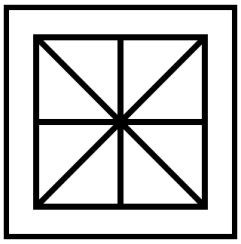
(b)



(c)



(d)



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Q9. Five people I, II, III, IV and V standing in a line facing north. V and II are standing together. V and III are standing together. I is at the extreme left. II is second from the extreme right. Who is standing at the extreme right?

(a) II
(b) V
(c) IV
(d) III

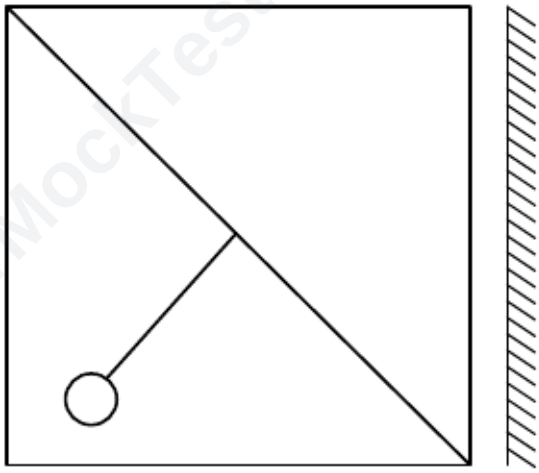
Q10. Which two signs should be interchanged in the given equation to make it mathematically correct?

26 ÷ 24 + 6 × 27 - 105 = 29

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

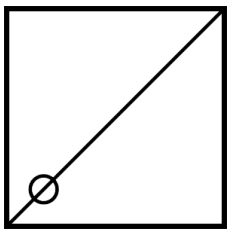
Q11. Select the correct mirror image of the given figure when the mirror is placed at the right side.

A

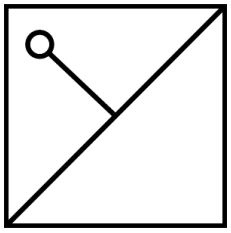


B

(a)

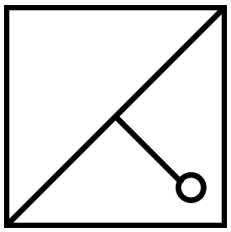


(b)

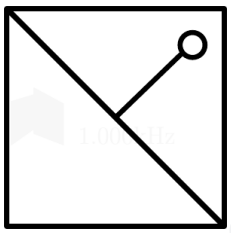


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(c)



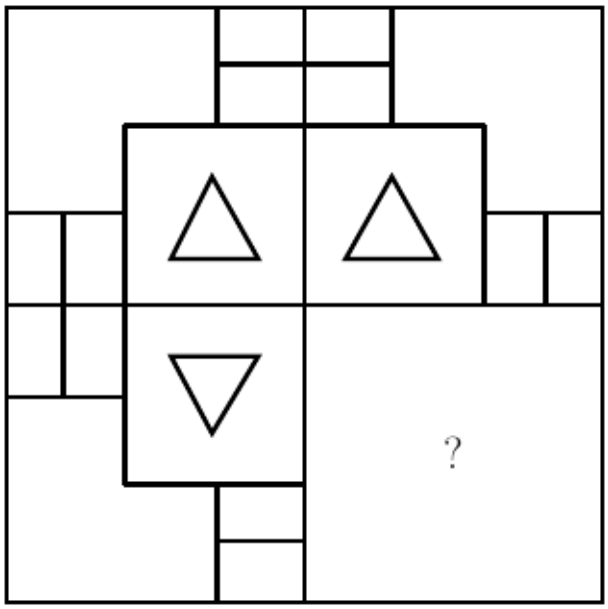
(d)



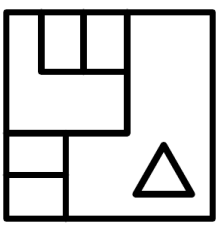
Q12. Five people, I, J, K, L, and M, are sitting in a straight row, facing north. K sits to the immediate right of L. Only two people sit between L and I. M sits to the immediate right of I and to the immediate left of J. Who sits in the middle of the row?

(a) J
(b) L
(c) M
(d) K

Q13. Select the figure from the given options that can replace the question mark (?) and complete the pattern (rotation is not allowed).

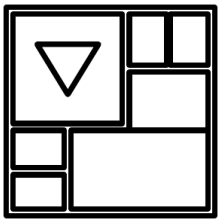


(a)

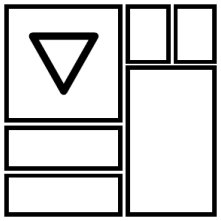


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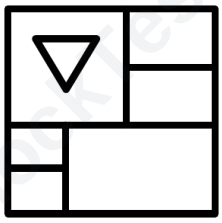
(b)



(c)



(d)



Q14. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some pilots are cutes.

All ballers are cutes.

Conclusions:

I. All cutes are ballers.

II. Some pilots are ballers.

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

Q15. Select the number from among the given options that can replace the question mark (?) in the following series.

16, 23, 31, 40, 50, ?

(a) 60
(b) 62
(c) 61
(d) 63

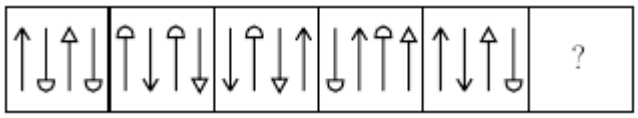
Q16. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

GMP : IKS :: FOL : ?

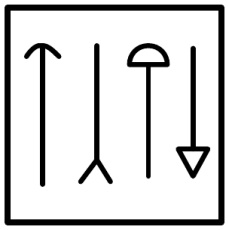
(a) HMP
(b) HNP
(c) HMO
(d) HNO

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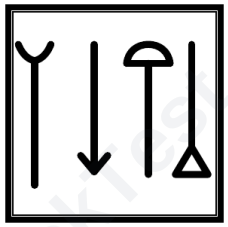
Q17. Select the figure from among the given options that can replace the question mark (?) in the following series.



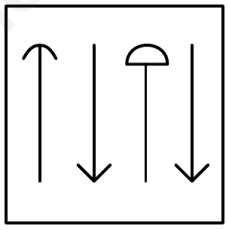
(a)



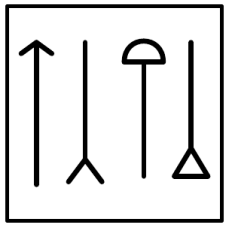
(b)



(c)



(d)

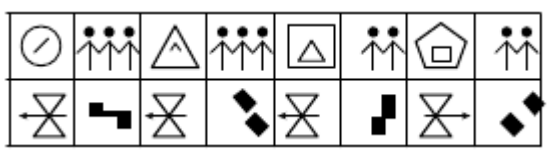


Q18. Select the option that can replace the question mark (?) in the following series.

E, H, K, N, Q, ?

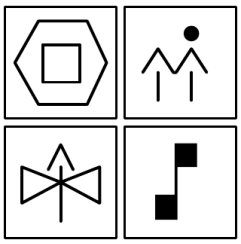
(a) V
(b) T
(c) U
(d) S

Q19. Select the figure from among the given options that can replace the question mark (?) in the following series.

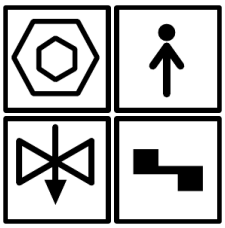


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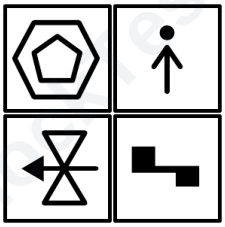
(a)



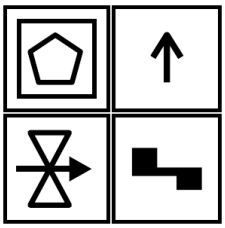
(b)



(c)



(d)



Q20. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All chips are lays.

Some lays are snacks.

Conclusions:

I. All lays are chips.

II. All chips are snacks.

(a) Both conclusions I and II follow.

(b) Only conclusion II follows.

(c) Neither conclusion I nor II follow.

(d) Only conclusion I follows.

Q21. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

ERA : ETA :: HONEST : JOPEUV :: GRAIN : ?

(a) GTCIN

(b) ITCIP

(c) IRAKP

(d) ITAIP

Q22. In a certain code language, 'WATER' is written as 'RETAW', 'CERTAIN' is written as 'NIATREC', and 'GENERAL' is written as 'LARENEG'. How will 'LOVELY' be written in that language?

(a) LOVELY
(b) YLEVOL
(c) YOVELL
(d) YLVEOL

Q23. Select the number from among the given options that can replace the question mark (?) in the following series.
31, 62, 65, 260, 265, ?

(a) 860
(b) 1240
(c) 555
(d) 1590

Q24. In a certain code language, 'TEAM' is coded as '41', and 'FEAD' is coded as '18'. How will 'GROW' be coded in that language?

(a) 67
(b) 63
(c) 65
(d) 61

Q25. What will be the value of the following expression, if '+' and '-' are interchanged and '×' and '÷' are interchanged?
5 - 3 ÷ 4 + 6 × 2 = ?

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

NUMERICAL APTITUDE

Q26. What is the average of the natural numbers from 1 to 43?

(a) 32
(b) 22
(c) 44
(d) 43

Q27. If a : b : c = 2 : 3 : 7, then what is 2a : 3b : 7c?

(a) 4 : 9 : 49
(b) 5 : 10 : 52
(c) 6 : 10 : 49
(d) 6 : 10 : 47

Q28. A person buys some bananas at Rs. Y per dozen and sells them at Rs. Y/4 per banana. What is his gain percentage?

(a) 200%
(b) 50%
(c) 80%
(d) 100%

Q29. If (2x + 3)/(18 ÷ 3 × 4 + 2) = (12 × 3 + 5)/(2 × 4 ÷ 2), then what is the value of x?

(a) 132.25
(b) 131.75
(c) 134.35

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(d) 120.5

Q30. A toy is in the shape of a cylinder surmounted by a hemisphere. The total height of the toy is 15 cm and the radius of the hemisphere is 6 cm. What is the volume of the toy?

(a) 496π cm^3
(b) 476π cm^3
(c) 458π cm^3
(d) 468π cm^3

Q31. What is the average of the cubes of the first 7 natural numbers?

(a) 84
(b) 105
(c) 96
(d) 112

Q32. A purchased a book for Rs. 1,600. A sold it to B at a loss of 10% and B sold it to C at a loss of 20%. At what price did C purchase this book?

(a) Rs. 1,224
(b) Rs. 1,442
(c) Rs. 1,152
(d) Rs. 1,098

Q33. The table below shows the number of bags of cements of 5 different brands sold by a shop on a particular day.

Cement	Bags
C1	61
C2	39
C3	19
C4	51
C5	40

The weight of each bag of cement is the same and is equal to 45 kg. What is the total weight of cement of all the bags taken together?

(a) 9150 kg
(b) 8750 kg
(c) 9850 kg
(d) 9450 kg

Q34. A alone can do a piece of work in 7 days, while B alone can do it in 10 days. In how many days will they complete the same work if they both work together?

(a) 105/17 days
(b) 35/17 days
(c) 70/17 days
(d) 84/17 days

Q35. What is the least number which when divided by 18, 24 and 36 leaves 3 as a remainder in each case?

(a) 75
(b) 93
(c) 111
(d) 99

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Q36. A piece of work can be completed by P and Q together in 24 days, and the same piece of work can be completed by R alone in 60 days. If P and R together can do the same work in 36 days, then find the time taken by Q to complete this piece of work alone.

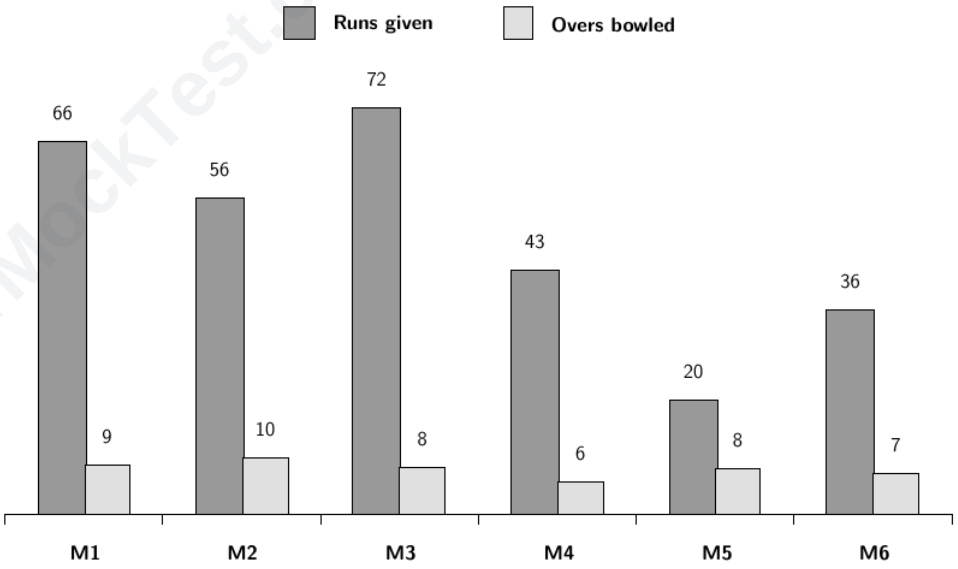
(a) 84/5 days
(b) 299/13 days
(c) 36/7 days
(d) 328/11 days

Q37. If 80% of A is 13 more than 90% of B, and the ratio of 40% of A to 60% of B is 10 : 9, then what is the value of A - B?

(a) 50
(b) 80
(c) 20
(d) 60

Q38. The following bar chart shows the runs given amd overs bowled by a bowler in 6 different matches.

Economy rate = (Runs given)/(Overs bowled)



What will be the economy rate of the bowler for all the 6 matches taken together? [Give your answer correct to 2 decimal places.]

(a) 7.22
(b) 5.46
(c) 6.93
(d) 6.10

Q39. The difference of two numbers is 24 while the sum of those two numbers is 120. Which of the options below can be the ratio of those two numbers?

(a) 3 : 5
(b) 3 : 2
(c) 4 : 5
(d) 5 : 8

Q40. In a camp, there are tents of the same shape and size. Each tent is cylindrical up to a height of 4 m and conical above it. The diameters of the bases of the cylinder and the cone are both 10.5 m and the slant height of the conical part is 10 m. If a total of 3861 m^2 canvas is used in making all the tents, then how many tents are there in the camp? [Use $\pi = 22/7$]

(a) 11
(b) 7
(c) 19
(d) 13

Q41. The simple interest on a certain sum of money for 2 years at 7% per annum is double the compound interest on Rs. 1,000 for 2 years at 10% per annum, compounded annually. What is the sum placed on simple interest?

(a) Rs. 1,000
(b) Rs. 2,000
(c) Rs. 3,000
(d) Rs. 4,000

Q42. The price of kerosene increases by 10% every year. If the current price of kerosene is Rs. 50 per litre, then what will be the price of kerosene per litre after 2 years?

(a) Rs. 65.6
(b) Rs. 60.5
(c) Rs. 52.8
(d) Rs. 55.6

Q43. In an election between two candidates, the total number of votes polled were 'y'. Out of these, 40% votes were invalid. The winning candidate got 60% of the valid votes, while the other candidate lost by 6000 votes. Find the value of 'y'.

(a) 45000
(b) 50000
(c) 40000
(d) 30000

Q44. The volume of a cube is 512 cm^2. What is the length of each side of this cube?

(a) 9 cm
(b) 8 cm
(c) 6 cm
(d) 12 cm

Q45. Find the average of the numbers appearing on all 6 faces of a cubical die numbered 1 to 6.

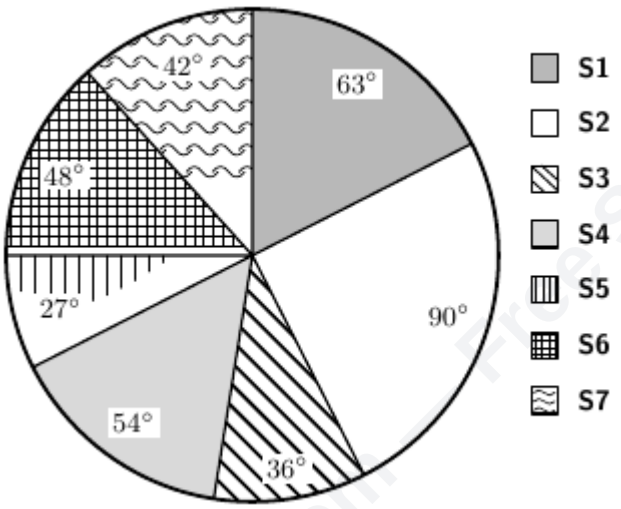
(a) 3.4
(b) 3.2
(c) 3.5
(d) 3.6

Q46. A person covers a distance of 7.5 km at a speed of 25 m/sec. What is the time taken by the person to cover the mentioned distance?

(a) 6 min
(b) 7.5 min
(c) 5 min
(d) 8 min

Q47. The following pie chart shows the sectors representing the shares of the number of bottles sold by each of seven different shops in terms of the central angles (in degrees) with respect to the total number of bottles sold by all the seven shops taken together.

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If the total number of bottles sold by all the 7 shops taken together is 1500, then what is the number of bottles sold by S4?

(a) 180
(b) 225
(c) 165
(d) 240

Q48. What is the value of 17 ÷ 34 + 2 × 12 ÷ 6 - 5 × 3 ÷ 6?

(a) 2
(b) 3
(c) 4.5
(d) 3.5

Q49. 2/5 of the marked price of an item is equal to 4/7 of its cost price. If a discount of 15% is given on its sale, then what is the approximate profit percentage earned?

(a) 19.84%
(b) 23.63%
(c) 21.43%
(d) 14.28%

Q50. A train crosses a stationary pole completely in 18 seconds and a bridge completely in 44 seconds. If the length of bridge is 650 metres, then what is the length of the train?

(a) 540 m
(b) 360 m
(c) 450 m
(d) 270 m

GENERAL ENGLISH

Q51. Select the option that can be used as a one-word substitute for the given group of words.

One who is unable to pay his debts

(a) Debonair
(b) Novice
(c) Fatalist
(d) Bankrupt

Q52. Select the most appropriate synonym of the given word.

Dissolve

(a) Emerge
(b) Consolidate

(c) Fade
(d) Repair

Q53. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Adam and I are planning a grand party at our office.

(a) me are planning
(b) I is planning
(c) me is planning
(d) No improvement required

Q54. Select the most appropriate meaning of the underlined idiom in the given sentence.

Samuel accused Jane of stealing the thunder on the capital punishment issue.

(a) Get praise for doing something before someone
(b) Go on a futile search
(c) Fail miserably at something
(d) Pass wrong judgments

Q55. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

I would agreed that these programs can be good for learning things that nobody else will teach you.

(a) I agree that these programs
(b) No improvement required
(c) I will have agreed that these programs
(d) I will have to agreed that these program

Q56. Select the most appropriate ANTONYM of the given word.

Stormy

(a) Ferocious
(b) Sporadic
(c) Serene
(d) Rough

Q57. Select the option that can be used as a one-word substitute for the given group of words.

One who does not tire easily

(a) Indefatigable
(b) Pedantic
(c) Recluse
(d) Libertine

Q58. Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Over the years, the threat of cyberattacks on satellites has gotten more direr.

(a) No error
(b) has gotten more direr
(c) threat of cyberattacks on satellites
(d) Over the years, the

Q59. Select the option that rectifies the incorrectly spelt words in the given sentence.

The young worms are fedd tendar leaves.

(a) The young worms are fed tander leaves.
(b) The young worms are fed tender leaves.
(c) The young worms are fed tendor leaves.
(d) The young worms are feid tendre leaves.

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Q60. Select the most appropriate option to fill in the blank.

You need to put the baby very _____ on the bed.

(a) much gently
(b) gently
(c) more gentle
(d) gentle

Q61. Select the option that can be used as a one-word substitute for the given group of words.

A person who looks at the bright side of things

(a) Oculist
(b) Optimist
(c) Pessimist
(d) Atheist

Q62. Select the most appropriate option to fill in the blank.

A person must speak eloquently and _____ while making a speech.

(a) rudely
(b) politely
(c) hurriedly
(d) disrespectfully

Q63. Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

Either Supriya or Nikunj are lying off this situation.

(a) is lying in relation to
(b) has lie on
(c) No improvement required
(d) were lying to

Q64. Select the most appropriate synonym of the bracketed word in the given sentence.

They saw fit to (banish) him from the party and exclude him from the election campaign.

(a) persevere
(b) revolt
(c) distress
(d) exile

Q65. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Wind is one / of biggest factors / in the spread of fire.

(a) of biggest factors
(b) No error
(c) in the spread of fire
(d) Wind is one

Q66. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The new media / is more faster / and more popular.

(a) No error
(b) is more faster
(c) and more popular
(d) The new media

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Q67. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

As a young girl, Mary lived in France, where she have married the king of France, Francis II.

(a) she has married
(b) No improvement required
(c) she married
(d) she did married

Q68. Select the most appropriate synonym of the underlined word in the given sentence.

The laws are strong but never enforced.

(a) Diluted
(b) Abandoned
(c) Imposed
(d) Disregarded

Q69. Select the correctly spelt word.

(a) Concsent
(b) Concent
(c) Conscent
(d) Consent

Q70. Select the most appropriate meaning of the given idiom.

To smell a rat

(a) To suspect something
(b) To catch someone during a crime
(c) To leave things undisturbed
(d) To detect a dead rat

Directions

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The Small Indian Mongoose, (1) ____ its little round ears, is an (2) __ hunter and has a long snout-like face and short legs that have sharp claws. It (3) __ brown or grey-grizzly fur and (4) __ in abandoned burrows or tunnels. (5) ____ the rat-like appearance, mongooses are not rodents.

Q71. Select the most appropriate option to fill in blank number 1.

(a) of
(b) to
(c) from
(d) with

Q72. Select the most appropriate option to fill in blank number 2.

(a) alive
(b) alike
(c) awake
(d) agile

Q73. Select the most appropriate option to fill in blank number 3.

(a) has
(b) had
(c) have
(d) having

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Q74. Select the most appropriate option to fill in blank number 4.

(a) learns
(b) leans
(c) leaves
(d) lives

Q75. Select the most appropriate option to fill in blank number 5.

(a) Instead
(b) Apart
(c) Often
(d) Despite

GENERAL AWARENESS

Q76. Qutub-ud-din Aibak founded which of the following dynasties?

(a) Tughluq Dynasty
(b) Sayyid Dynasty
(c) Khilji Dynasty
(d) Slave Dynasty

Q77. Which of the following types of agriculture is known as Jhum in Assam?

(a) Intensive Farming
(b) Plantation Agriculture
(c) Subsistence Farming
(d) Shifting Agriculture

Q78. Pradhan Mantri Kaushal Vikas Yojna was introduced in 2015 under the _____.

(a) Ministry of Rural development
(b) Ministry of Housing and Urban Affairs
(c) Ministry of Finance
(d) Ministry of Skill Development and Entrepreneurship

Q79. Loudness of sound is proportional to the _____ of the amplitude of the vibration producing the sound.

(a) cube root
(b) Cube
(c) Square
(d) square root

Q80. Who among the following was a famous Indian choreographer?

(a) Kajol
(b) Saroj Khan
(c) Shreya Ghoshal
(d) Madhuri Dixit

Q81. The Annual Financial Statement shows the receipts and payments of Government in the form of _____.

(a) Contingency Fund, Public Account, and Capital Projects
(b) Contingency Fund, Public Account, and Consolidated Funds
(c) Public Account and Consolidate Funds
(d) Contingency Fund and Consolidated Funds

Q82. Which British governor ended the Dual System of Government in Bengal?

(a) Robert Clive
(b) Warren Hastings
(c) John Shore
(d) William Bentinck

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Q83. Which of the following is the world's largest inland sea?

(a) Azov Sea
(b) Red Sea
(c) Mediterranean Sea
(d) Caspian Sea

Q84. Name the PETA India Person of the Year for 2021.

(a) Anushka Sharma
(b) Alia Bhatt
(c) Deepika Padukone
(d) Kiara Advani

Q85. Which of the following contains ascorbic acid (vitamin C) in the highest quantity?

(a) Dates
(b) Wheat
(c) Guava
(d) Peanut

Q86. How many players are there in a Field Hockey team?

(a) 7
(b) 11
(c) 15
(d) 19

Q87. Who is the first trans woman to win a Padma Shri award for Bharatanatyam?

(a) Bishesh Huirem
(b) Narthaki Nataraj
(c) Sruthy Sithara
(d) Sadhana Mishra

Q88. Which of the following fundamental rights implies the prohibition of traffic in human beings, begar and other forms of forced labour?

(a) Right against Exploitation
(b) Cultural and Educational Rights
(c) Right to Constitutional Remedies
(d) Right to Freedom of Religion

Q89. Who among the following led the Battle of Buxar on behalf of British East India Company?

(a) Charles Stuart
(b) Robert Clive
(c) Hector Munro
(d) John William Fortescue

Q90. Which of the following sports was NOT played at the 2020 Summer Olympic Games (played in 2021)?

(a) Boxing
(b) Wrestling
(c) Weightlifting
(d) Wushu

Q91. Which of the following minerals is responsible for synthesis of thyroxine hormone?

(a) Iron
(b) Cobalt
(c) Calcium
(d) Iodine

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Q92. Assam and most of the Peninsular states have _____ population densities.

(a) high to very high
(b) very low
(c) moderate
(d) moderate to high

Q93. The Governor of a state is appointed by the _____.

(a) Chief Minister of that state
(b) President of India
(c) Advocate General of India
(d) Prime Minister of India

Q94. Freedom in Exile is the autobiography of _____.

(a) Nelson Mandela
(b) APJ Abdul Kalam
(c) Dalai Lama
(d) Mahatma Gandhi

Q95. To which state of India is the Hornbill festival related?

(a) Kerala
(b) Karnataka
(c) Nagaland
(d) Bihar

Q96. Dr N Rajam is known for playing the _____.

(a) veena
(b) guitar
(c) violin
(d) flute

Q97. The Delhi Municipal Corporation (Amendment) Bill, 2022, was introduced In Lok Sabha on 25th March 2022 by _____.

(a) Ramesh Bidhuri
(b) Narendra Modi
(c) Amit Shah
(d) Nirmala Sitharaman

Q98. The ancient Neemrana Baori is located in which of the following districts of Rajasthan?

(a) Ajmer
(b) Alwar
(c) Bikaner
(d) Jaipur

Q99. The iron implement site of Hastinapur was found in which the present-day state of India?

(a) Bihar
(b) Uttar Pradesh
(c) Haryana
(d) Madhya Pradesh

Q100. Which winds are also known by the name of ‘Roaring Forties’?

(a) Polar easterlies
(b) Westerly winds
(c) Polar winds
(d) Trade winds

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ANSWER KEY

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

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