SSC MTS Previous Year Paper (Held on: 5 July 2022 Shift 2)

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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GENERAL INTELLIGENCE & REASONING

Q1. 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:

Only a few Bs are Qs.

Only a few Qs are Vs.

Conclusions:

I. Some Bs are Vs.

II. All Qs can never be Vs.

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

Q2. Select the option 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)

(4, 16, 64)

(7, 49, 343)

(a) (9, 81, 729)
(b) (11, 121, 1231)
(c) (5, 25, 115)
(d) (8, 64, 412)

Q3. In a class, 5 girls are sitting in a straight row, facing the North. A sits to the immediate left of C and to the immediate right of D. E sits to the immediate right of B but to the immediate left of D. Who is sitting in the middle position of the row?

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

Q4. Select the option that can replace the question mark (?) in the following series.

QD, OB, MZ, KX, ?

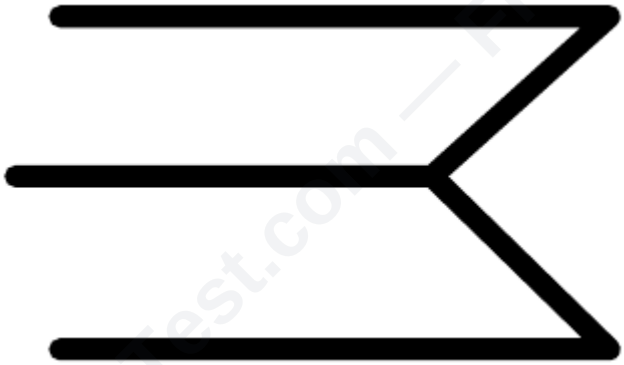
(a) JV
(b) IW
(c) JW
(d) IV

Q5. 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.

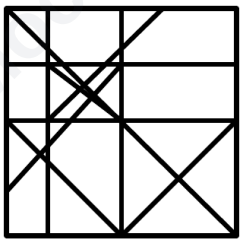
BEWMTT : ACTION:: KWQMTX : JUNIOR:: QTRJNZ:?

(a) PROFTI
(b) PROFIT
(c) PROFIU
(d) PROEIT

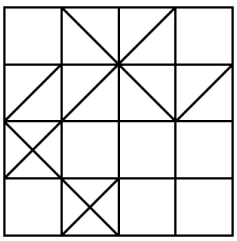
Q6. Select the option in which the given figure is embedded (rotation is NOT allowed).



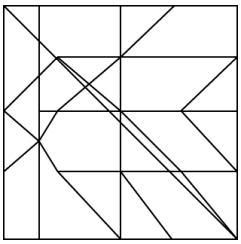
(a)



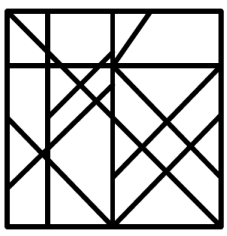
(b)



(c)

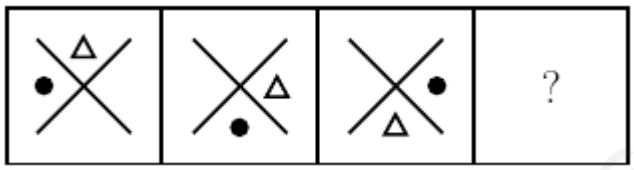


(d)



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Q7. Select the figure from among the given options that can replace the question mark (?) in the following series.



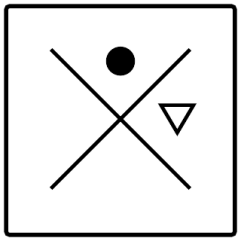
(a)



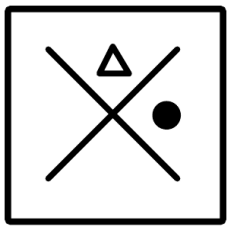
(b)



(c)



(d)



Q8. 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.

P 16 : R 18 :: I 9 : K 11 :: T 20 : ?

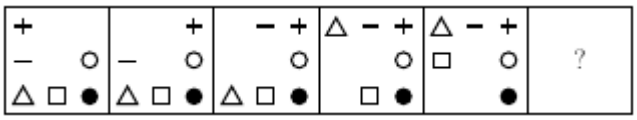
(a) V 22
(b) A 1
(c) U 22
(d) V 21

Q9. In a certain code language, 'nu vu du' is written as 'water is life', 'hu du ru' is written as 'bring me water', and 'tu vu ru' is written as 'bring is well'. What is the code for the word 'well' in that language?

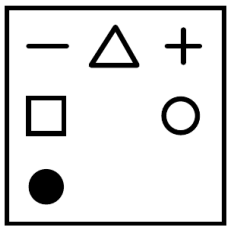
(a) ru
(b) vu
(c) tu
(d) nu

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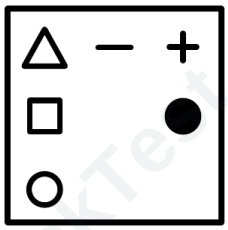
Q10. Select the figure from among the given options that can replace the question mark (?) in the following series.



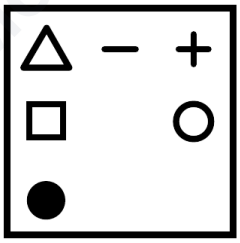
(a)



(b)



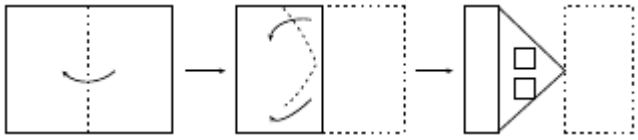
(c)



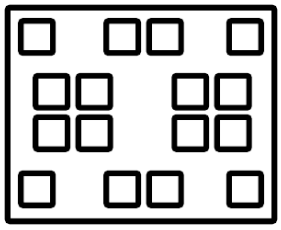
(d)



Q11. 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?

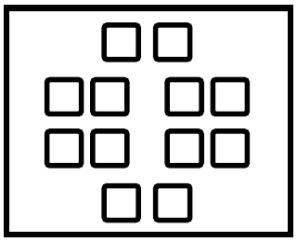


(a)

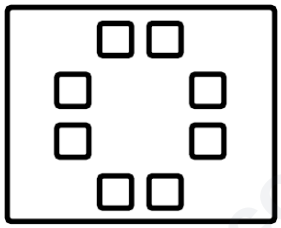


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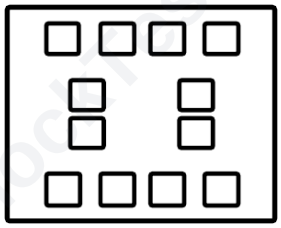
(b)



(c)



(d)



Q12. 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.

GRAM : EPYK :: HALT : ?

(a) FYKR
(b) FYJS
(c) FXJR
(d) FYJR

Q13. In a certain code language, 'HINDER' is written as 'ABGWXK', and 'GOLBMA' is written as 'ZHEUFT'. How will 'AJKSTU' be written in that code language?

(a) TDCLNM
(b) TCDLMN
(c) TDCLMN
(d) TCDLNM

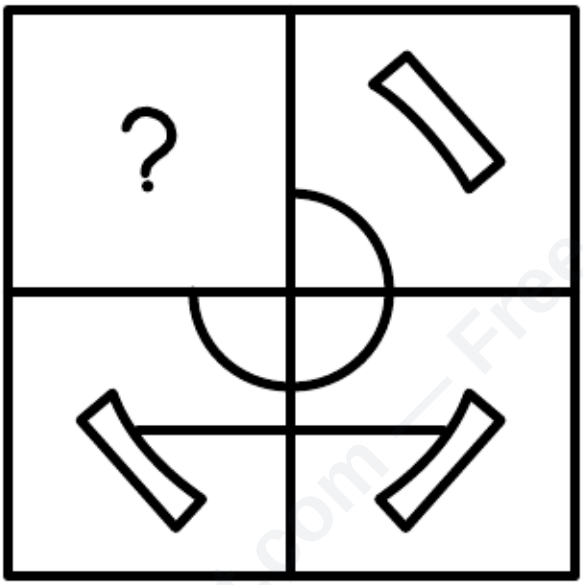
Q14. Select the number from among the given options that can replace the question mark (?) in the following series.

72, 71, 75, 66, 82, 57,?

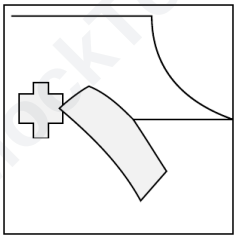
(a) 79
(b) 91
(c) 93
(d) 86

Q15. Select the figure from the given options that can replace the question mark (?) and complete the pattern (rotation is not allowed).

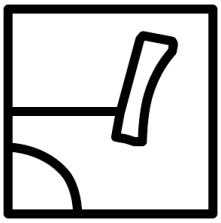
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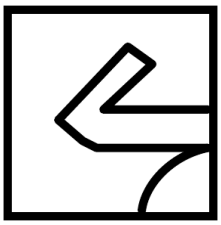
(a)



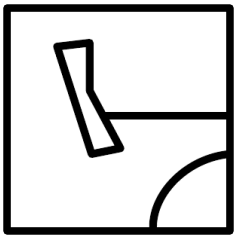
(b)



(c)



(d)



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Q16. Select the option that will replace the question mark (?) in the given series.

68, 79, 88, 95, 100, ?

(a) 103
(b) 101
(c) 105
(d) 107

Q17. What will come in the place of '?' in the following equation, if '+' and '–' are interchanged and also '×' and '÷' are interchanged?

4 ÷ 6 − 9 + 48 × 8 = ?

(a) 38
(b) 27
(c) 42
(d) 24

Q18. 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.

7 : 345 :: 5 : 127 :: 6 : ?

(a) 228
(b) 208
(c) 238
(d) 218

Q19. The age of five sisters Sita, Gita, Babita, Lalita and Anita are compared. Gita is elder than Babita but younger than Sita. Lalita is the eldest. Babita is not the youngest. Who is the second eldest sister?

(a) Babita
(b) Anita
(c) Sita
(d) Gita

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 cars are trucks.

Some bikes are cars.

Conclusions:

I. All bikes are trucks.

II. Some trucks are bikes.

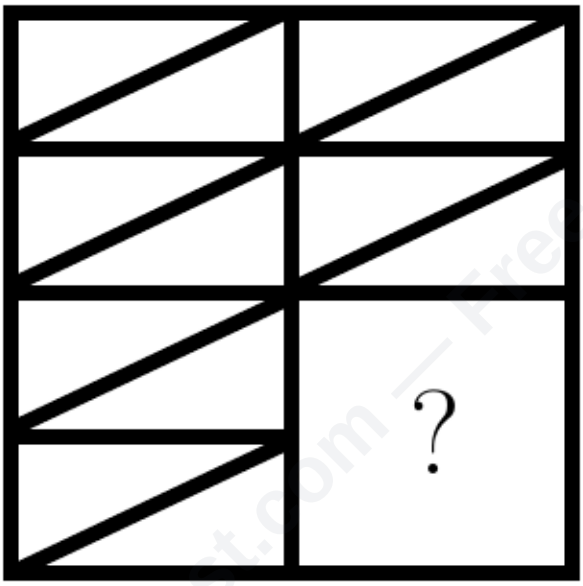
(a) Neither conclusion I nor II follows
(b) Only conclusion II follows
(c) Both conclusions I and II follow
(d) Only conclusion I follows

Q21. In a certain code language, 'POND' is coded as '48', and 'HELO' is coded as '39'. How will 'PINK' be coded in that language?

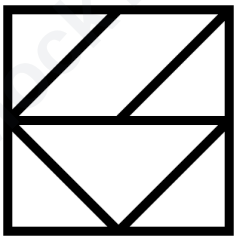
(a) 48
(b) 52
(c) 49
(d) 51

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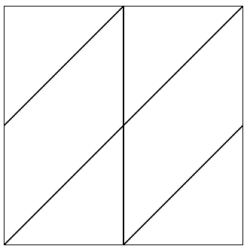
Q22. Select the figure from the options that can replace the question mark (?) and complete the pattern.



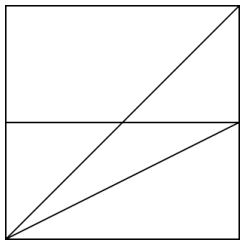
(a)



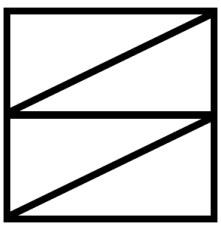
(b)



(c)



(d)



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Q23. Five students I, J, K, L and M are sitting on a bench in a straight row, facing North. M and J are immediate neighbours. M and K are also immediate neighbours, I is on the extreme left of the bench. J is sitting second from the extreme right. Who is sitting between I and J?

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

Q24. In a certain code language, '476' is written as 'wrong and sharp', '428' is written as 'knife is sharp', and '859' is written as 'right is good'. What is the code for the word 'knife' in that language?

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

Q25. Which of the mathematical signs should be interchanged in the given equation to make it mathematically correct?

102 − 17 + 12 × 4 ÷ 27 + 5 = 32

(a) − and ÷
(b) − and ×
(c) × and ÷
(d) − and +

NUMERICAL APTITUDE

Q26. Rahul bought 120 tables for Rs. 56,500. If the average price of 70 of those tables is Rs. 450, then what is the average price of the remaining 50 tables?

(a) Rs. 500
(b) Rs. 460
(c) Rs. 550
(d) Rs. 480

Q27. Param can do a piece of work alone in 24 hours, and Charan can do the same work alone in 30 hours. If they work together, what fraction of the work can they complete in 1 hour?

(a) 3/10
(b) 3/8
(c) 3/40
(d) 3/55

Q28. The area of the base of a closed cylinder is 1386 cm^2. If the height of the cylinder is 20 cm, then what is the total surface area of the cylinder? [Use $\pi = 22/7$]

(a) 7032 cm^2
(b) 5412 cm^2
(c) 6112 cm^2
(d) 8132 cm^2

Q29. In how much time can a person cover a distance of 300 metres at a speed of 27 km/h?

(a) 30 seconds
(b) 25 seconds
(c) 35 seconds
(d) 40 seconds

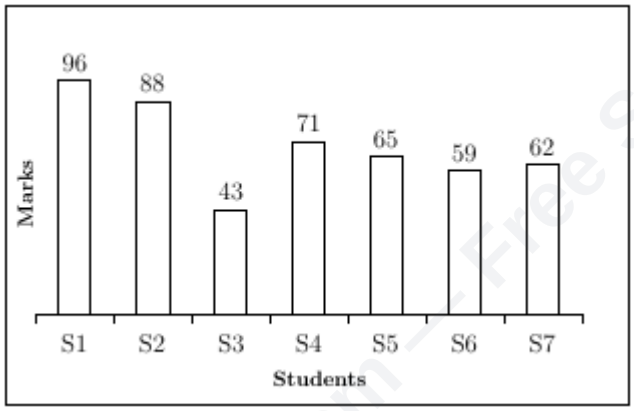
Q30. A sofa costs Rs. 24,000 before tax. What is the percentage of sales tax charged, if the sales tax on it is Rs. 1,200?

(a) 5%
(b) 4%
(c) 6%

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(d) 8%

Q31. The following bar chart shows the marks obtained (out of 100) by a student in 7 different subjects in an examination.



The total marks obtained by the student in S1 and S6 taken together is approximately what percentage of the marks obtained by the student in S4?

(a) 225.11%
(b) 236.32%
(c) 218.31%
(d) 206.11%

Q32. The cost price of a table to Ravi, was Rs. 1,600. Ravi sold this table at a loss of 10%. What was the price at which Ravi sold the table?

(a) Rs. 1,380
(b) Rs. 1,520
(c) Rs. 1,510
(d) Rs. 1,440

Q33. If the three sides of a triangle are 21 cm, 20 cm and 29 cm long, what is the area of the triangle?

(a) 290 cm^2
(b) 200 cm^2
(c) 190 cm^2
(d) 210 cm^2

Q34. If P/3=Q/5=R/2, then what is the value of (P + 2Q + 3R) : (P + Q + R)?

(a) 19 : 10
(b) 6 : 5
(c) 11 : 13
(d) 10 : 9

Q35. If, on a certain sum, the simple interest for 2 years is Rs. 1,200, then what is the simple interest on the same sum for 5 years, if the rate of interest remains unchanged?

(a) Rs. 3,000
(b) Rs. 2,800
(c) Rs. 3,500
(d) Rs. 2,500

Q36. The following table shows the number of students from different schools, choosing their favourite game.

SCHOOL	GAME			
AMERICAN FOOTBALL	SOCCER	TENNIS	CRICKET	
A	57	56	64	72

B	29	53	53	37
C	46	73	38	46
D	59	47	56	47

Which school has the maximum number of students choosing American Football as their favourite game?

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

Q37. Tap A can fill an empty tank alone in 6 hours. Tap B alone can empty the same tank, when filled, in 8 hours. If they are opened in alternate hours starting with A, then in how much time will the tank be full for the first time?

(a) 44 hours
(b) 47 hours
(c) 48 hours
(d) 41 hours

Q38. The salaries of two friends are in the ratio of 3 : 4. If the difference in their salaries is Rs. 3,000, then find the sum of their salaries.

(a) Rs. 19,000
(b) Rs. 18,000
(c) Rs. 21,000
(d) Rs. 24,000

Q39. The length of a rectangle is 5 times of its breadth. If the breadth is 10 cm, then what is the area of this rectangle?

(a) 600 cm^2
(b) 250 cm^2
(c) 500 cm^2
(d) 1000 cm^2

Q40. If P = (6 × 4÷2)/8×3÷6 and Q = (12÷4-2)/(4÷ 3×12), then what is the value of $(P/Q)^2$?

(a) 4064
(b) 2304
(c) 1024
(d) 4096

Q41. Two trains are moving towards each other at the speeds of 70 km/h and 85 km/h. Their lengths are 210 m and 255 m, respectively. How much time will they take to cross each other completely?

(a) 10.8 seconds
(b) 18.2 seconds
(c) 14.0 seconds
(d) 18.0 seconds

Q42. What is the value of 3/7 of 5/11+8/7÷24/21-11/56×18/33 ?

(a) 335/308
(b) 308/325
(c) 175/316
(d) 118/311

Q43. A bag is sold at a discount of 12.5%. The marked price of the bag is Rs. 6,400 and the profit earned is 25%. What is the cost price of the bag?

(a) Rs. 4,260
(b) Rs. 4,480
(c) Rs. 4,640

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(d) Rs. 4,120

Q44. For a sum of Rs. 5,000, what is the difference between the compound interest and simple interest for 2 years if the rate of interest is 5% per annum, and in the case of compound interest, the interest is compounded annually?

(a) Rs. 7.5
(b) Rs. 10.5
(c) Rs. 25
(d) Rs. 12.5

Q45. How many numbers are there between 200 and 400 that are divisible by both 6 and 5?

(a) 9
(b) 6
(c) 7
(d) 8

Q46. The selling price of an article is three times of the loss incurred on selling this article. What is the loss percentage?

(a) 50%
(b) 33.33%
(c) 40%
(d) 25%

Q47. What is the average of 512, 620, 428, and 580?

(a) 560
(b) 480
(c) 495
(d) 535

Q48. If 35% of X = 42.5% of 700, then what is the value of x?

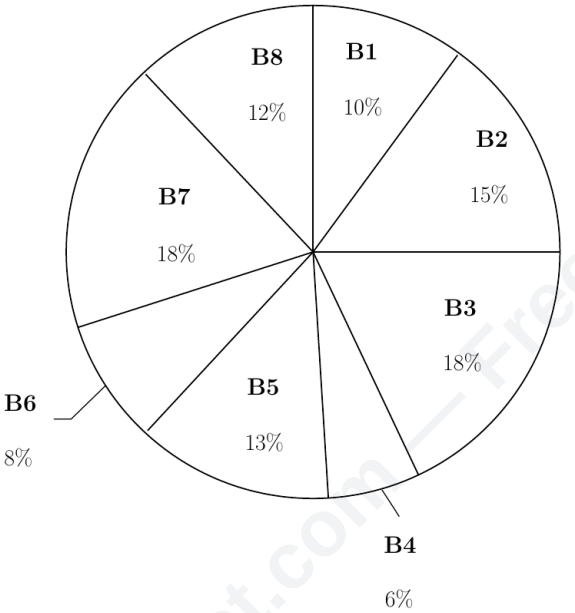
(a) 950
(b) 800
(c) 850
(d) 900

Q49. The average of X and Y is 10X. What is the value of Y?

(a) 16X
(b) 9X
(c) 18X
(d) 19X

Q50. The following pie chart shows percentage figures of the number of cars sold of 8 different brands in a particular year.

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If the total number of cars sold of these 8 brands taken together during the given year is 2800, then what is the difference between the numbers of cars sold of B2 and of B6?

(a) 196
(b) 140
(c) 252
(d) 224

GENERAL ENGLISH

Q51. Select the most appropriate synonym of the given word.

Humble

(a) Bold
(b) Assertive
(c) Modest
(d) Inactive

Q52. Parts of the given 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.

Southern states has made an impressive comeback in the latest rankings.

(a) No error
(b) in the latest rankings
(c) an impressive comeback
(d) Southern states has made

Q53. Select the option that corrects the misspelt words in the given sentence.

Evryone was talking and laufhing during the trip.

(a) Everyone was talking and lauhging during the trip.
(b) Everyone was talking and laughing during the trip.
(c) Everyone was talking and laffing during the trip.
(d) Evryone was talking and laughing during the trip.

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

The eldest sister received the lion's share of her father's property.

(a) the largest portion
(b) the entire amount
(c) the smallest part

(d) no portion at all

Q55. 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.

Marine vertebrates are / valuable for / many reasons.

(a) valuable for
(b) No error
(c) many reasons
(d) Marine vertebrates are

Q56. Select the most appropriate option to fill in the blank.

Thank you so _____ for helping me with this project.

(a) too
(b) many
(c) most
(d) much

Q57. Select the most appropriate option to fill in the blank.

My niece is very kind and _____ to everyone in the family.

(a) callous
(b) ruthless
(c) generous
(d) stern

Q58. Select the most appropriate option to fill in the blank.

Hardly had I called him _____ my mother started screaming.

(a) When
(b) then
(c) so
(d) than

Q59. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

The eighteenth century saw the middle classes becoming most prosperous.

(a) been more than
(b) No improvement required
(c) become more
(d) became most

Q60. Select the most appropriate synonym of the underlined word.

This medicine can make you feel lethargic and dizzy.

(a) Inactive
(b) Kinetic
(c) Vivacious
(d) Mysterious

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

The science or art of political government

(a) Politics
(b) Sociology
(c) Economics
(d) Theology

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Q62. Select the correctly spelt word.

(a) Promenant
(b) Prominent
(c) Promneant
(d) Prominant

Q63. Select the most appropriate meaning of the given idiom.

Through thick and thin

(a) In good and bad times
(b) With great pride
(c) To work hard to the point of exhaustion
(d) In every possible way

Q64. Select the most appropriate ANTONYM of the given word.

Salient

(a) Chief
(b) Remarkable
(c) Insignificant
(d) Eminent

Q65. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

I don't know why he is such secretly.

(a) are so secretly
(b) No improvement required
(c) is many secretive
(d) is so secretive

Q66. Select the most appropriate option to fill in the blank.

The _____ of the knife in his hand made her sick.

(a) Site
(b) sight
(c) slight
(d) cite

Q67. Select the most appropriate option to fill in the blank.

The _____ needs of the inhabitants seem to be fruit, iced drinks, shiny boots, and lottery tickets.

(a) amiable
(b) principle
(c) invincible
(d) principal

Q68. Select the most appropriate option to fill in the blank.

There are good points to each side and we need more _____ people that are willing to look at them from all angles.

(a) ubiquitous
(b) unbiased
(c) undermined
(d) unadorned

Q69. Select the most appropriate option to fill in the blank.

About three years ago, an old man, _____ name was Paul, used to live in this house.

(a) Whom
(b) Who
(c) Which

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(d) Whose

Q70. Parts of the given 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.

In many places, restoring mangrove forests can be an extreme effective strategy.

(a) forests can be an
(b) No error
(c) In many places, restoring mangrove
(d) extreme effective strategy

Directions

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

Different foods in (1) ____ food group have different nutrients. Picking an assortment within every food group (2) __ the week will help you get (3) __ nutrients. For example, choose seafood (4) __ of meat twice a week. The variety of foods will make (5) ____ meals more interesting, too.

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

(a) various
(b) everybody
(c) each
(d) other

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

(a) complete
(b) between
(c) throughout
(d) every

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

(a) too
(b) almost
(c) many
(d) very

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

(a) replace
(b) instead
(c) despite
(d) away

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

(a) your's
(b) yours
(c) you
(d) your

GENERAL AWARENESS

Q76. Which of the following is the standard means by which elections are conducted in India?

(a) Blockchain
(b) Email
(c) Ballot paper
(d) Electronic Voting Machine

Q77. As per Census 2011, which of the following is India's most populated metropolitan city?

(a) Kolkata
(b) Mumbai
(c) Delhi
(d) Chennai

Q78. Which of the following festivals is associated with Rajasthan?

(a) Gudi Padwa
(b) Bundi Utsav
(c) Bonalu
(d) Matho Narang

Q79. Who among the following Indian musicians received the 'Best Original Song' award for his composition in 'Slumdog Millionaire', at Oscars 2009?

(a) AR Rahman
(b) Asha Bhosle
(c) Lata Mangeshkar
(d) Gulzar

Q80. _____ is the international air carrier of India and handles foreign traffic, which includes both cargo and passenger services.

(a) Air India
(b) Pawan Hans
(c) Dove Airlines
(d) Taj Air

Q81. As per the new tax regime of India, what is the exemption limit of income tax for financial year 2022-23?

(a) Up to Rs. 5,00,000
(b) Up to Rs. 1,00,000
(c) Up to Rs. 7,50,000
(d) Up to Rs. 2,50,000

Q82. Who among the following became the first woman Vice Chancellor of Jawaharlal Nehru University (JNU), India in February 2022?

(a) Madhuri Dixit
(b) Supriya Sule
(c) Smriti Irani
(d) Santishree Dhulipudi Pandit

Q83. Namita talks about an example of metamorphic rock. Which of the following can it be?

(a) Halite
(b) Marble
(c) Limestone
(d) Shale

Q84. Who among the following was NOT a ruler of the Tughlaq dynasty?

(a) Muhammad-Bin-Tughlaq
(b) Rukunuddin Tughlaq
(c) Ghiyasuddin Tughlaq
(d) Firuz Shah Tughlaq

Q85. What is the chemical name of the ionic compound NaCl?

(a) Lithium chloride
(b) Cesium fluoride
(c) Calcium iodide

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(d) Sodium chloride

Q86. _____ indicates the realm of living organisms and their interactions with the environment.

(a) Atmosphere
(b) Biosphere
(c) Hydrosphere
(d) Lithosphere

Q87. What was the pedestrian path for devotees to wave in homage to Stupa called in Buddhist architecture?

(a) Medhi
(b) Torana
(c) Anda
(d) Chattra

Q88. Which of the following Acts of 1947 regulates the Indian labour law with regard to trade unions as well as individual workmen?

(a) Indian Councils Act
(b) Charter Act
(c) Rowlatt Act
(d) Industrial Disputes Act

Q89. Which team won the UEFA European Football Championship 2020?

(a) England
(b) Spain
(c) Germany
(d) Italy

Q90. Savi is suffering from Kwashiorkor. Which of the following deficiencies causes it?

(a) Deficiency of iron
(b) Deficiency of protein
(c) Deficiency of calcium
(d) Deficiency of vitamin A

Q91. Who among the following Mauryan rulers fought the Kalinga War in 261 BC?

(a) Ashoka
(b) Bindusara
(c) Brihadratha
(d) Chandragupta Maurya

Q92. The Ministry of Labour & Employment launched _____ under the Pradhan Mantri Shram Yogi Maan-Dhan (PM-SYM) scheme in March 2022.

(a) Stand-Up India scheme
(b) Donate-a-Pension initiaive
(c) Atal Pension Yojana
(d) India Water Pitch-Pilot-Scale Start-up Challenge

Q93. Who among the following was awarded the Padma Shri in 2021 for keeping the adivasi dance form ‘Gussadi’ alive?

(a) Ramsahay Pandey
(b) Pandit Birju Maharaj
(c) Kanaka Raju
(d) Srimanta Sankardev

Q94. India is bordered by Myanmar in the _____.

(a) east
(b) north
(c) south

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(d) west

Q95. The FIDE 44^(th) Chess Olympiad 2022 will be held in _____, India, during the summer of 2022.

(a) Chennai
(b) Mumbai
(c) Kolkata
(d) Gurgaon

Q96. Who among the following Indian authors wrote the famous novel 'Gora' during the Nationalist Movement of India?

(a) Jawaharlal Nehru
(b) Rabindranath Tagore
(c) Bhagat Singh
(d) Mahatma Gandhi

Q97. In a drama, Naresh spoke, “Swaraj is my birth right and I shall have it.’’ Who among the following Indian freedom fighters said this slogan?

(a) Ambika Charan Majumdar
(b) Lokmanya Bal Gangadhar Tilak
(c) Mahatma Gandhi
(d) Bhagat Singh

Q98. Which Article of the Constitution of India provides equal protection of the laws and equality before the law?

(a) Article 30
(b) Article 42
(c) Article 60
(d) Article 14

Q99. Which of the following is NOT a regional name for the full or part of the East Coast of India?

(a) Coromandel coast
(b) Tamil Nadu coast
(c) Malabar coast
(d) Utkal coast

Q100. Rita performs ‘Giddha’ dance form. Which state does this dance form belong to?

(a) Punjab
(b) Rajasthan
(c) Haryana
(d) Uttarakhand

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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