

# SSC MTS 5th July 2022 Shift-2

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

My niece is very kind and \_\_\_\_\_ to everyone in the family

- A callous
- B generous
- C stern
- D ruthless

**Answer:** B

2. 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 laughing during the trip.
- B Evryone was talking and laughing during the trip.
- C Everyone was talking and lauhging during the trip.
- D Everyone was talking and laffing during the trip.

**Answer:** A

3. 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 undermined
- C unadorned
- D unbiased

**Answer:** D

4. 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

**Answer:** D

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

This medicine can make you feel lethargic and dizzy

- A Vivacious
- B Inactive
- C Mysterious
- D Kinetic

**Answer:** B

6. 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 Economics
- C Sociology
- D Theology

**Answer:** A

7. 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 In many places, restoring mangrove
- C No error
- D extreme effective strategy

**Answer:** D

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

Hardly had I called him \_\_\_\_\_ my mother started screaming.

- A so
- B than
- C then
- D when

**Answer:** D

9. 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 became most
- B been more than
- C No improvement required
- D become more

**Answer:** D

10. 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 smallest part
- C no portion at all
- D the entire amount

**Answer:** A

11. 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 principal
- B invincible
- C principle
- D amiable

**Answer:** A

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

Through thick and thin

- A With great pride
- B In every possible way
- C To work hard to the point of exhaustion
- D In good and bad times

**Answer:** D

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

Salient

- A Chief
- B Remarkable

**C** Insignificant

**D** Eminent

**Answer:** C

14. 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** who

**B** whom

**C** whose

**D** which

**Answer:** C

15. 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** is so secretive

**B** No improvement required

**C** is many secretive

**D** are so secretly

**Answer:** A

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

Humble

**A** Bold

**B** Inactive

**C** Assertive

**D** Modest

**Answer:** D

17. Select the correctly spelt word.

**A** Prominant

**B** Promenant

**C** Prominent

**D** Promneant

**Answer:** C

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

The \_\_\_\_\_ of the knife in his hand made her sick.

- A slight
- B sight
- C cite
- D site

**Answer:** B

19. 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 Marine vertebrates are
- B valuable for
- C No error
- D many reasons

**Answer:** C

20. 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 an impressive comeback
- B No error
- C in the latest rankings
- D Southern states has made

**Answer:** D

#### Instructions [21 - 25]

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.

21. Select the most appropriate option to fill in blank no. 1.

- A various
- B everybody
- C other
- D each

**Answer:** D

22. Select the most appropriate option to fill in blank no. 2.

- A complete
- B between
- C throughout
- D every

**Answer:** C

23. Select the most appropriate option to fill in blank no. 3.

- A many
- B very
- C too
- D almost

**Answer:** A

24. Select the most appropriate option to fill in blank no. 4.

- A instead
- B away
- C replace
- D despite

**Answer:** A

25. Select the most appropriate option to fill in blank no. 5.

- A your's
- B yours
- C you
- D your

**Answer:** D

## General Intelligence and Reasoning

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

$$4 \div 6 - 9 + 48 \times 8 = ?$$

- A 24
- B 42
- C 27
- D 38

**Answer:** C

27. Select the option that can replace the question mark (?) in the following series.  
QD, OB, MZ, KX, ?

- A JW
- B IV
- C JV
- D IW

**Answer:** B

28. 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 Both conclusions I and II follow
- B Only conclusion II follows
- C Only conclusion I follows
- D Neither conclusion I nor II follows

**Answer:** B

29. 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** Only conclusion I follows.  
**B** Neither conclusion I nor II follow.  
**C** Only conclusion II follows.  
**D** Both conclusions I and II follow

**Answer: C**

30. 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** tu  
**B** ru  
**C** nu  
**D** vu

**Answer: A**

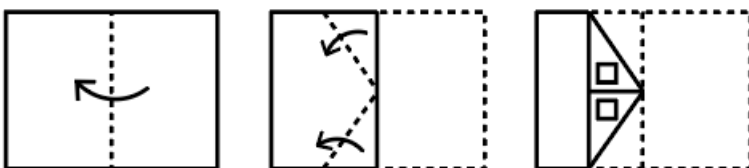
31. Which of the mathematical signs should be interchanged in the given equation to make it mathematically correct?

$$102 - 17 + 12 \times 4 \div 27 + 5 = 32$$

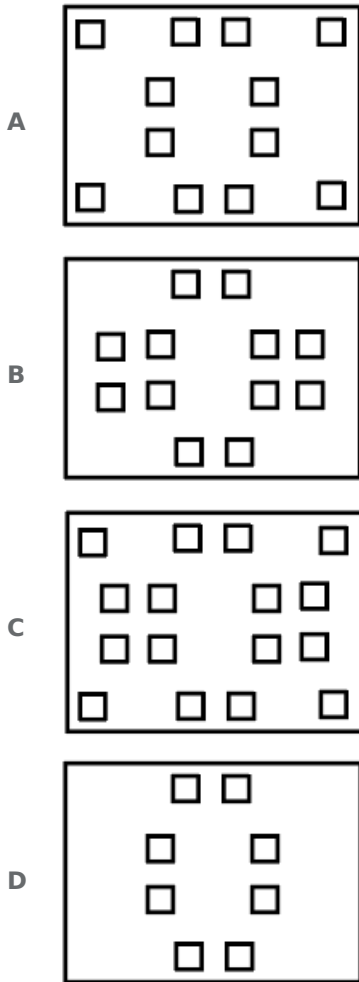
- A** - and +  
**B** - and  $\div$   
**C** - and  $\times$   
**D**  $\times$  and  $\div$

**Answer: B**

32. 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?







**Answer: D**

33. 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 PROFIT
- B PROEIT
- C PROFIT
- D PROFIU

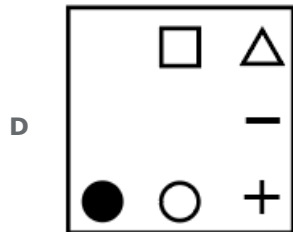
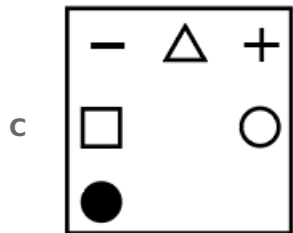
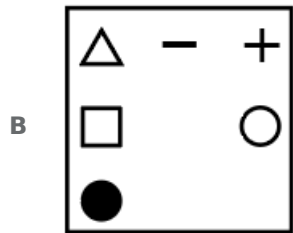
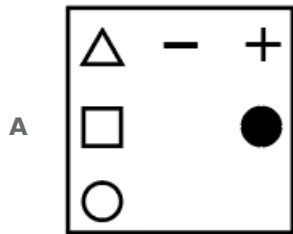
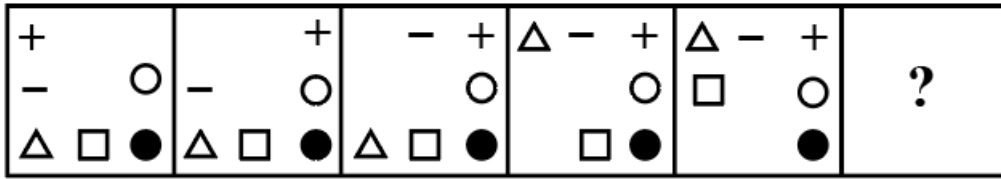
**Answer: C**

34. 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 Sita
- B Geeta
- C Anita
- D Babita

Answer: A

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



Answer: B

36. 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 TCDLMN
- B TDCLNM
- C TC DLNM
- D TDCLMN

Answer: A

37. Select the option that will replace the question mark (?) in the given series.  
68, 79, 88, 95, 100, ?

- A 107
- B 101
- C 103
- D 105

**Answer:** C

38. 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 93
- B 91
- C 86
- D 79

**Answer:** A

39. 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 D
- B A
- C E
- D C

**Answer:** A

40. 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 218
- B 228
- C 238
- D 208

**Answer:** A

41. 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

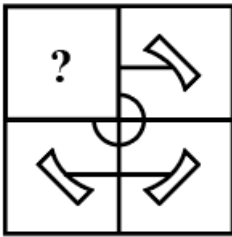
**Answer:** A

42. 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 8
- B 4
- C 5
- D 2

**Answer:** D

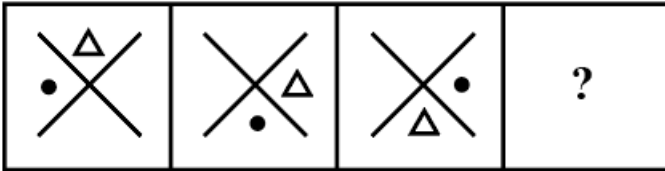
43. Select the figure from the given options that can replace the question mark (?) and complete the pattern (rotation is not allowed).



- A
- B
- C
- D

**Answer:** A

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



A



B



C



D



**Answer: B**

45. 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 FXJR

B FYJS

C FYJR

D FYKR

**Answer: C**

46. 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 K and M

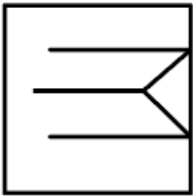
B L

C L and M

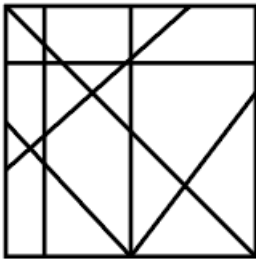
D K and L

**Answer: A**

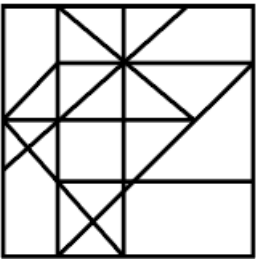
47. Select the option in which the given figure is embedded (rotation is NOT allowed).



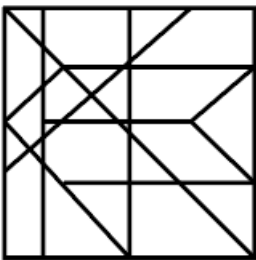
A



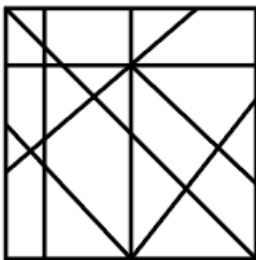
B



C



D



**Answer: C**

48. Select the option in which the numbers are related in the same way as are the numbers of the following sets.

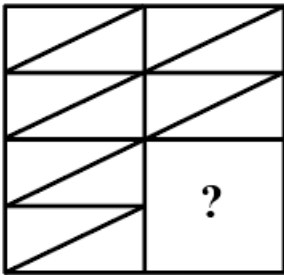
NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.  
 E.g. 13 - Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3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

(4, 16, 64)  
 (7, 49, 343)

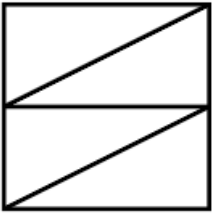
- A (11, 121, 1231)
- B (8, 64, 412)
- C (5, 25, 115)
- D (9, 81, 729)

Answer: D

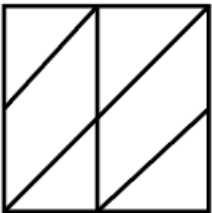
49. Select the figure from the options that can replace the question mark (?) and complete the pattern.



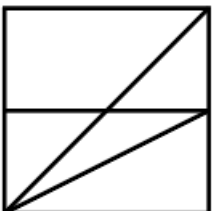
A



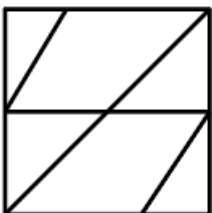
B



C



D



Answer: A

50. 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 49
- B 48
- C 51
- D 52

Answer: A

## Numerical Aptitude

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

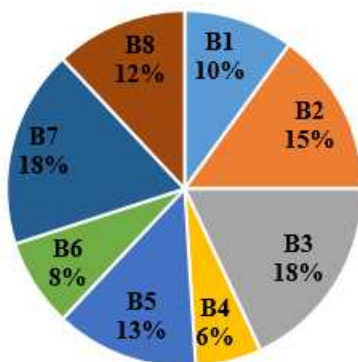
GAME →	AMERICAN FOOTBALL	SOCCER	TENNIS	CRICKET
SCHOOL ↓				
A	57	56	64	72
B	29	53	53	37
C	46	73	38	46
D	59	47	56	47

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

- A B
- B C
- C D
- D A

Answer: C

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



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 252
- B 196



**C** 224

**D** 140

**Answer:** B

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

**A** 16X

**B** 19X

**C** 18X

**D** 9X

**Answer:** B

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

**A** 25%

**B** 33.33%

**C** 40%

**D** 50%

**Answer:** A

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

**A** ₹4,120

**B** ₹4,260

**C** ₹4,480

**D** ₹4,640

**Answer:** C

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

**A** 5%

**B** 6%

**C** 8%

**D** 4%

**Answer:** A

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

**A** ₹500

**B** ₹550

**C** ₹460

**D** ₹480

**Answer:** A

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

**A** 535

**B** 480

**C** 560

**D** 495

**Answer:** A

59. 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** 48 hours

**C** 41 hours

**D** 47 hours

**Answer:** C

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

**A** ₹21,000

**B** ₹18,000

**C** ₹19,000

**D** ₹24,000

**Answer:** A

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

**A**  $5412 \text{ cm}^2$

**B**  $6112 \text{ cm}^2$

**C**  $8132 \text{ cm}^2$

D  $7032 \text{ cm}^2$

**Answer:** A

62. If  $\frac{P}{3} = \frac{Q}{5} = \frac{R}{2}$ , then what is the value of  $(P + 2Q + 3R) : (P + Q + R)$ ?

A 11 : 13

B 19 : 10

C 10 : 9

D 6 : 5

**Answer:** C

63. 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  $500 \text{ cm}^2$

B  $1000 \text{ cm}^2$

C  $600 \text{ cm}^2$

D  $250 \text{ cm}^2$

**Answer:** A

64. If  $P = \frac{6 \times 4 \div 2}{8 \times 3 \div 6}$  and  $Q = \frac{12 \div 4 - 2}{4 \div 3 \times 12}$ , then what is the value of  $\left(\frac{P}{Q}\right)^2$ ?

A 1024

B 2304

C 4604

D 4096

**Answer:** B

65. 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 18.0 seconds

B 18.2 seconds

C 10.8 seconds

D 14.0 seconds

**Answer:** C

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

A  $210 \text{ cm}^2$

- B  $190 \text{ cm}^2$
- C  $290 \text{ cm}^2$
- D  $200 \text{ cm}^2$

**Answer:** A

67. If 35% of  $x = 42.5\%$  of 700 then what is the value of  $x$ ?

- A 900
- B 950
- C 850
- D 800

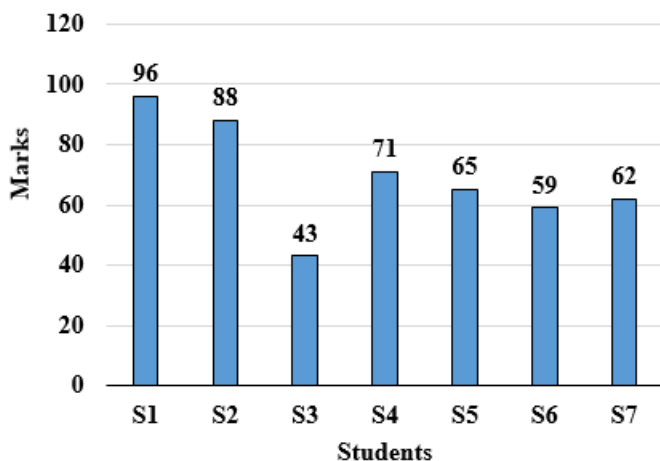
**Answer:** C

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

- A ₹2,500
- B ₹3,500
- C ₹3,000
- D ₹2,800

**Answer:** C

69. 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 206.11%
- B 225.11%
- C 236.32%

**D** 218.31%

**Answer:** D

70. 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 day?

**A**  $\frac{3}{8}$

**B**  $\frac{3}{10}$

**C**  $\frac{3}{55}$

**D**  $\frac{3}{40}$

**Answer:** D

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

**A** 40 seconds

**B** 30 seconds

**C** 25 seconds

**D** 35 seconds

**Answer:** A

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

**A** 6

**B** 8

**C** 7

**D** 9

**Answer:** C

73. For a sum of ₹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** ₹10.5

**B** ₹12.5

**C** ₹25

**D** ₹7.5

**Answer:** B

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

- A ₹1,380
- B ₹1,440
- C ₹1,510
- D ₹1,520

**Answer:** B

75. What is the value of  $\frac{3}{7}$  of  $\frac{5}{11} + \frac{8}{7} \div \frac{24}{21} - \frac{11}{56} \times \frac{18}{33}$ ?

- A  $\frac{118}{311}$
- B  $\frac{335}{308}$
- C  $\frac{308}{325}$
- D  $\frac{175}{316}$

**Answer:** B

## General Awareness

76. 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

**Answer:** B

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

- A Limestone
- B Marble
- C Shale
- D Halite

**Answer:** B

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

- A Calcium iodide
- B Lithium chloride
- C Cesium fluoride
- D Sodium chloride

**Answer:** D

79. The FIDE 44th Chess Olympiad 2022 will be held in \_\_\_\_\_, India, during the summer of 2022.

- A Kolkata
- B Mumbai
- C Gurgaon
- D Chennai

**Answer:** D

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

- A Deficiency of protein
- B Deficiency of vitamin A
- C Deficiency of iron
- D Deficiency of calcium

**Answer:** A

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

- A Gulzar
- B AR Rahman
- C Asha Bhosle
- D Lata Mangeshkar

**Answer:** B

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

- A Article 60
- B Article 42
- C Article 30
- D Article 14

**Answer: D**

83. \_\_\_\_\_ is the international air carrier of India and handles foreign traffic, which includes both cargo and passenger services.

- A** Dove Airlines
- B** Air India
- C** Pawan Hans
- D** Taj Air

**Answer: B**

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

- A** Ghiyasuddin Tughlaq
- B** Rukunuddin Tughlaq
- C** Muhammad-Bin-Tughlaq
- D** Firuz Shah Tughlaq

**Answer: B**

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

- A** Chattra
- B** Anda
- C** Medhi
- D** Torana

**Answer: C**

86. \_\_\_\_\_ indicates the realm of living organisms and their interactions with the environment.

- A** Atmosphere
- B** Biosphere
- C** Lithosphere
- D** Hydrosphere

**Answer: B**

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

- A** Atal Pension Yojana



- B** India Water Pitch-Pilot-Scale Start-up Challenge
- C** Donate-a-Pension initiative
- D** Stand-Up India scheme

**Answer:** C

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

- A** Bundi Utsav
- B** Bonalu
- C** Matho Narang
- D** Gudi Padwa

**Answer:** A

89. Who among the following was awarded the Padma Shri in 2021 for keeping the adivasi dance form 'Gussadi' alive?

- A** Srimanta Sankardev
- B** Ramsahay Pandey
- C** Kanaka Raju
- D** Pandit Birju Maharaj

**Answer:** C

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

- A** Mahatma Gandhi
- B** Rabindranath Tagore
- C** Jawaharlal Nehru
- D** Bhagat Singh

**Answer:** B

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

- A** Bindusara
- B** Brihadratha
- C** Chandragupta Maurya
- D** Ashoka

**Answer:** D

92. India is bordered by Myanmar in the \_\_\_\_\_.

- A east
- B north
- C south
- D west

**Answer:** A

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

- A Kolkata
- B Chennai
- C Mumbai
- D Delhi

**Answer:** C

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

- A Up to ₹2,50,000
- B Up to ₹5,00,000
- C Up to ₹1,00,000
- D Up to ₹7,50,000

**Answer:** A

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

- A England
- B Spain
- C Germany
- D Italy

**Answer:** D

96. Rita performs 'Giddha' dance form. Which state does this dance form belong to?

- A Uttarakhand
- B Haryana
- C Rajasthan
- D Punjab

**Answer: D**

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

- A Smriti Irani
- B Madhuri Dixit
- C Santishree Dhulipudi Pandit
- D Supriya Sule

**Answer: C**

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

- A Rowlatt Act
- B Indian Councils Act
- C Charter Act
- D Industrial Disputes Act

**Answer: D**

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

- A Electronic Voting Machine
- B Blockchain
- C Email
- D Ballot paper

**Answer: A**

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

- A Coromandel coast
- B Malabar coast
- C Utkal coast
- D Tamil Nadu coast

**Answer: B**