

SSC MTS 11th July 2022 Shift-1

English Language

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

The probable side effects of this medication include burning and itching.

- A can be including burning and itching
- B including burning and itching
- C includes burning and itching
- D No improvement required

Answer: C

2. Select the INCORRECTLY spelt word.

- A Appease
- B Arbitrary
- C Incipid
- D Aberrant

Answer: C

3. Select the most appropriate option to fill in the blank. His autobiography will be one of the most ____ awaited books.

- A badly
- B deftly
- C slowly
- D eagerly

Answer: D

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

Your explanation was simpler _____ Rekha's explanation.

- A then
- B than
- C of
- D that

Answer: B

5. Select the most appropriate synonym of the underlined word in the given sentence.
These figures have been greatly exaggerated.

- A magnified
- B belittled
- C ignore
- D understated

Answer: A

6. Select the most appropriate meaning of the underlined idiom in the given sentence.
If you keep dodging your manager's call, you will be on thin ice.

- A In a risky situation
- B Go to jail
- C Perform adequately
- D Change plans in the middle of a process

Answer: A

7. 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.

Anosmia is the / completed loss or / absence of the sense of smell.

- A completed loss or
- B Anosmia is the
- C No error
- D absence of the sense of smell

Answer: A

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

None only did the men aid in the work, but the women also did their part.

- A No only
- B Only
- C No improvement required
- D Not only

Answer: D

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

Thank you all for coming so earlier at the morning.

- A the early in a
- B early in the
- C No improvement required
- D earliest on the

Answer: B

10. Select the most appropriate ANTONYM of the underlined word in the given sentence.
These types of insects are usually very difficult to eradicate.

- A emancipate
- B conserve
- C annihilate
- D devastate

Answer: B

11. Select the option that can be used as a one-word substitute for the given group of words.
Climb or move with difficulty or a lot of effort, typically using one's hands and feet

- A Quack
- B Retreat
- C Clamber
- D Pedagogy

Answer: C

12. Select the most appropriate option to fill in the blank.
The defendant's lawyer argued that his past offenses were _____ to this case.

- A spacious
- B arrogant
- C contagious
- D irrelevant

Answer: D

13. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
To descend a cragged / mountain, however, was most/ difficult and dangerous / than to ascend it.

- A To descend a cragged
- B difficult and dangerous



INDIA

- C than to ascend it
- D mountain however was most

Answer: D

14. **Select the correctly spelt word.**

- A Hypothesis
- B Monothistic
- C Millennia
- D Prihistoric

Answer: A

15. **Select the most appropriate meaning of the given idiom.**

Spill the beans

- A Give away a secret
- B To drop something
- C To get a new idea
- D To find out something

Answer: A

16. **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.

My teacher said to me that / all that / glitters were not gold.

- A glitters were not gold
- B No error
- C My teacher said to me that
- D all that

Answer: A

17. **Select the most appropriate option to fill in the blank.**

Today, your presentation was _____ better than Saba's presentation.

- A most
- B many
- C much
- D more

Answer: C

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

Impartial

- A Biased
- B Pious
- C objective
- D Intellectual

Answer: A

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

Provoke

- A Slack
- B Inhibit
- C Arouse
- D Constrain

Answer: C

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

Austin can be saw chasing cops with a sickle.

- A been saw chasing
- B being seen chase
- C be seen chasing
- D No improvement required

Answer: C

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.

With up to 50,000 species of spiders, spider habitats vary (1) _____. Spiders are (2) _____ to live anywhere in the world except Antarctica. They (3) _____ not live in bodies of water or in the air, but can adapt (4) _____ almost any type of environment: hot or cool, wet or (5)_____, in the garden or in your house.

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

- A widely
- B widest

C wide

D wider

Answer: A

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

A able

B harboured

C authorised

D courageous

Answer: A

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

A do

B did

C does

D done

Answer: A

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

A to

B at

C of

D on

Answer: A

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

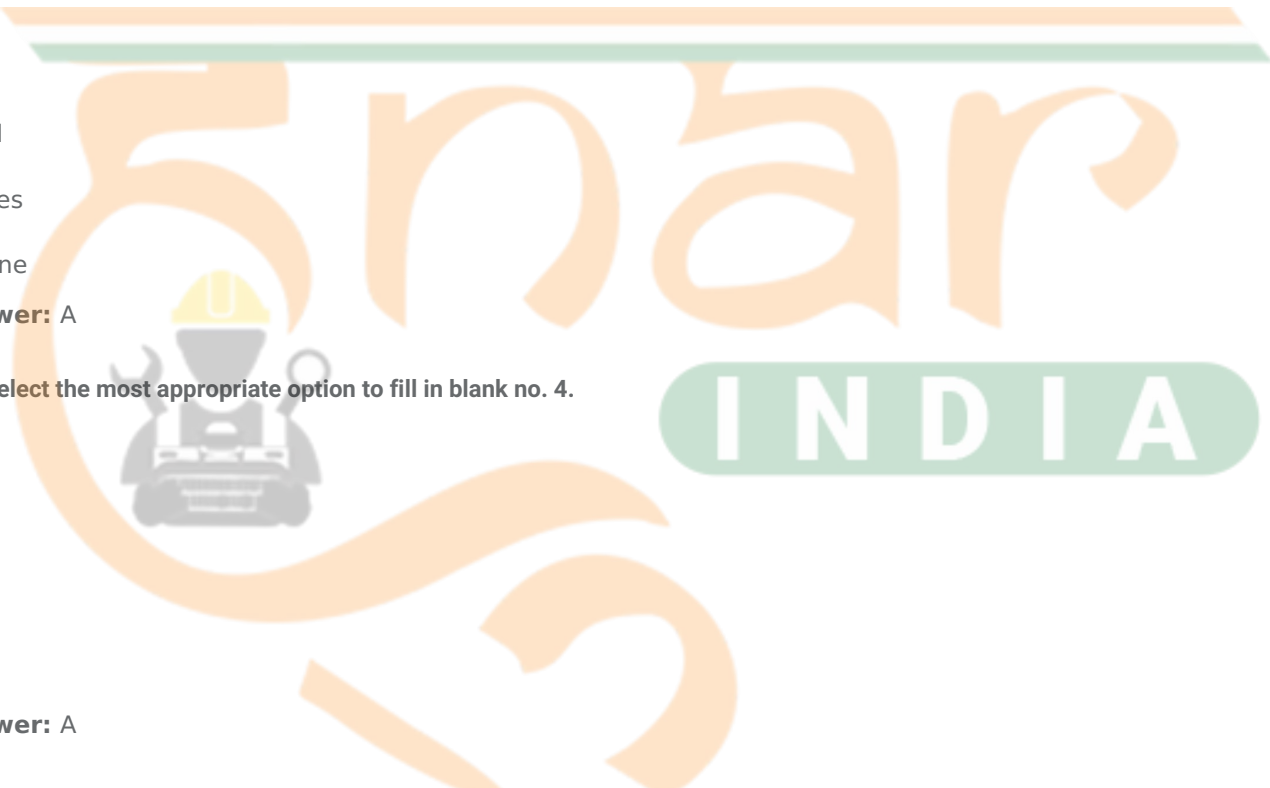
A dry

B dewy

C muggy

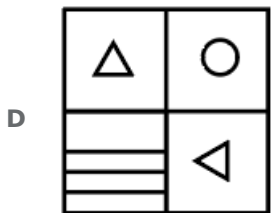
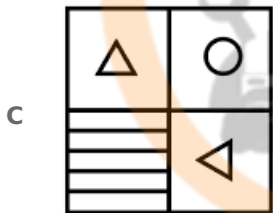
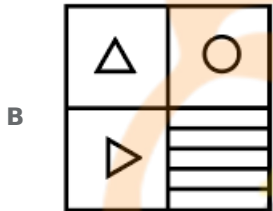
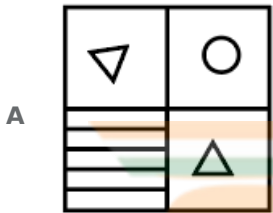
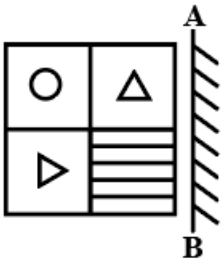
D damp

Answer: A



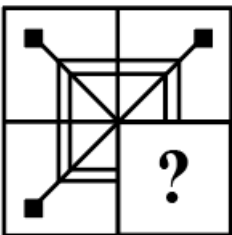
General Intelligence and Reasoning

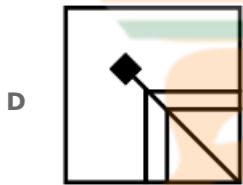
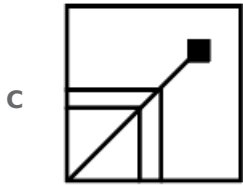
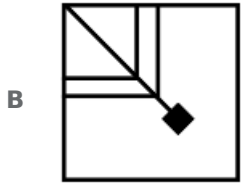
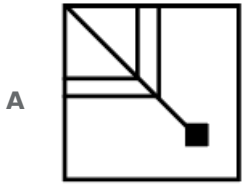
26. Select the correct mirror image of the given figure when the mirror is placed at AB as show.



Answer: C

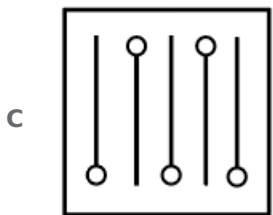
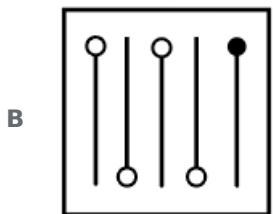
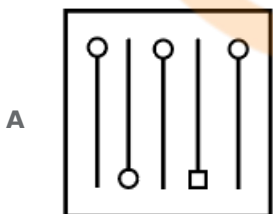
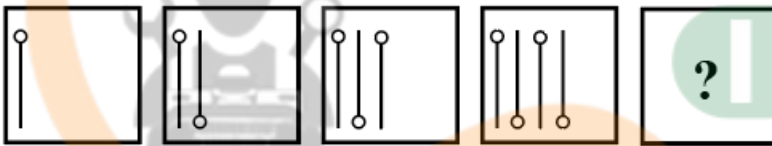
27. Select the figure from the options that can replace the question mark (?) and complete the pattern (rotation not allowed).



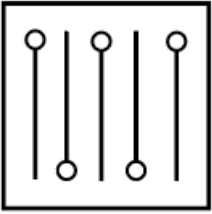


Answer: A

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



D



Answer: D

29. The weight of seven women W1, W2, W3, W4, W5, W6 and W7 are compared. The weight of W4 is more than W7. The weight of W5 is more than only three women and the weight of W2 is less than only W1 and W3. If the weight of W7 is the lowest, then the minimum number of women who have weight more than W6 is?

A 3

B 1

C 4

D 2

Answer: C

30. Which two numbers should be interchanged to make the given equation correct?

$$20 \div 6 + 10 - 5 \times 2 = 2$$

A 10 and 20

B 5 and 10

C 6 and 10

D 5 and 6

Answer: D

31. Select the option that is related to the third term in the same way as the second term is related to the first term.

CRAW : DZIX :: MOCK : ?

A PXLN

B PYLN

C PXMN

D PLXN

Answer: A

32. 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.

TV : MO :: GR : ?

A ZK

B ZL

C AK

D AM

Answer: A

33. 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.

USER : USRE :: TIRING : TRNIIG :: DEVOTED : ?

A DOVTEED

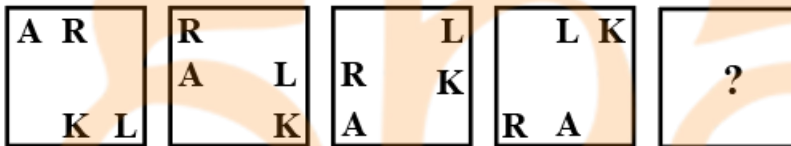
B DDEEVTO

C VTOEEDD

D DEDETOV

Answer: C

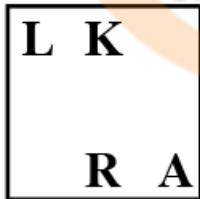
34. Select the figure from the given options that can replace the question mark (?) in the following series.



A



B



C



D



Answer: B

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

12, 37, 110, 331, 992, ?

- A 2877
- B 2977
- C 2867
- D 2947

Answer: B

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

$$56 : 11 :: 34 : 7 :: ? : 13$$

- A 84
- B 62
- C 54
- D 76

Answer: D

37. In a certain code language, 'GOP' is coded as '38', and 'HVN' is coded as '44'. How will 'PNG' be coded in that language?

- A 29
- B 37
- C 32
- D 42

Answer: B

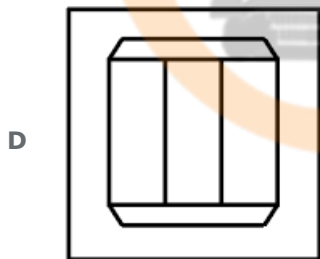
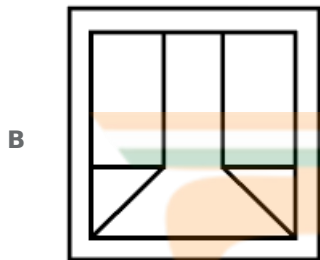
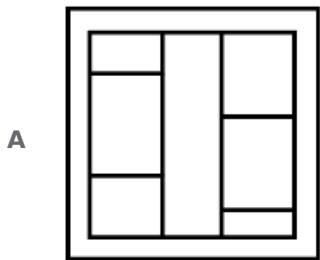
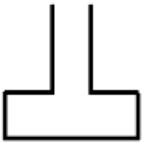
38. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
IDK, LFL, OHM, RJN, ?

- A ULO
- B TLN
- C SLP
- D STO

Answer: A



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



Answer: B

40. 6 boys, J, K, L, M, N and P, are sitting around a rectangular table facing towards the centre (not necessarily in the same order). 4 boys are sitting in the corners, and 1 boy is sitting in the middle of each shorter side of the table. N is second to the right of K and second to the left of J. M is exactly opposite to N, and M is not sitting in the corner.

Which of the following statements is definitely correct?

- I. L and P are both next to N.
- II. K is diagonally opposite to L.

- A Neither I nor II is correct.
- B Only I is correct.
- C Only II is correct.
- D Both I and II are correct.

Answer: B

41. In a certain code language, 'hairs are golden black' is coded as '@ rm pr kt', 'golden bells are sound' is coded as 'ak @ kt #', and 'bells being loud' is coded as '# jm jk'. What can be the code for 'bell sound' in that language?

- A ak @
- B ak jm
- C ak #
- D jm jk

Answer: C

42. In a certain code language, 'COFFEE' is coded as '40', 'LEMON' is coded as '59', and 'GINGER' is coded as '60'. How will 'TEA' be coded in that language?

- A 26
- B 32
- C 43
- D 29

Answer: A

43. 8 boys G, H, I, J, K, L, M and N are sitting around a square table facing towards the centre (not necessarily in the same order). Four boys are sitting at the corners and four boys are sitting in the middle of the sides. J is the immediate neighbour of G and H and he is sitting at a corner. M is the immediate neighbour of N and K. L is sitting in the middle of the side. G is not sitting opposite to L. N is towards the immediate right of H. Who is sitting diagonally opposite to I?

- A N
- B J
- C L
- D K

Answer: A

44. After interchanging the given two numbers (not digits), what will be the value of the given equation?

5 and 6

$$6 \times 12 - 4 + 5 - 1 = ?$$

- A 51
- B 61
- C 71
- D 41

Answer: B

45. In a certain code language, 'TAPE' is coded as '4825', 'SHART' is coded as '93814', and 'TUBE' is coded as '4675'. What is the code for the letter 'E' in that code language?

- A 4
- B 5
- C 6
- D 8

Answer: B

46. 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:

Akshay earns more than Rajnish who earns more than Sam.
Sam earns less than Dixit.

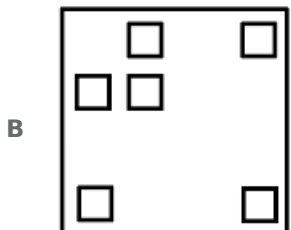
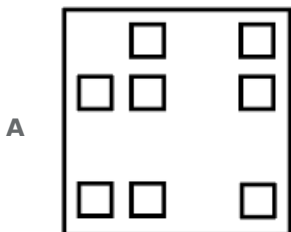
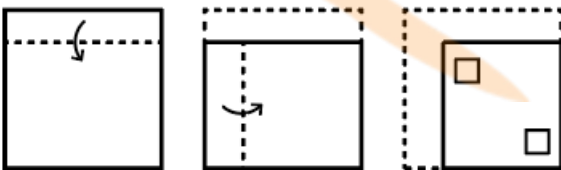
Conclusions:

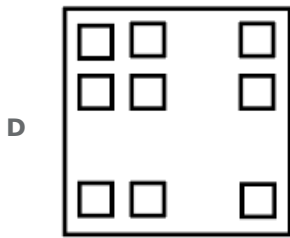
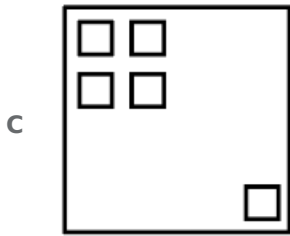
I: Akshay earns more than Sam.
II: Dixit earns more than Akshay.

- A Both I and II follow
- B Only II follows
- C Neither I nor II follows
- D Only I follows

Answer: D

47. 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: C

48. Select the number from among the given options that can replace the question mark (?) in the following series.
57, 59, 56, 60, ?, 61, 54

- A 53
- B 63
- C 55
- D 54

Answer: C

49. 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:

- I. No yellow is green.
- II. Some pink are yellow.

Conclusions:

- I. No green is yellow.
- II. Some yellow are pink.
- III. All green are pink.

- A Only conclusions I and II follow.
- B Conclusion I, II and III follows.
- C Only conclusion III follows.
- D Only conclusions II and III follow.

Answer: A

50. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(13, 12, 2)
(25, 22, 6)

- A (6, 3, 6)

- B (24, 12, 19)
- C (15, 5, 15)
- D (26, 22, 10)

Answer: A

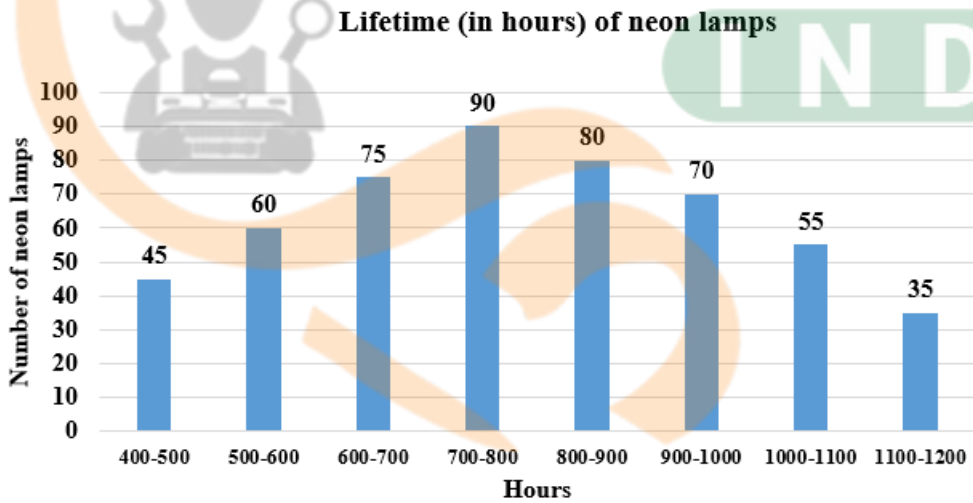
Numerical Aptitude

51. A teacher distributes some sweets among his four students in the ratio of $\frac{1}{3} : 15 : \frac{1}{6} : \frac{1}{4}$. What is the minimum number of sweets that the teacher should have, so that no sweet needs to be broken into parts to be shared?

- A 71
- B 57
- C 76
- D 77

Answer: B

52. The bar graph given below provides information about the lifetime (in hours) of neon lamps. study the given bar graph and answer the question that follows.



The number of neon lamps that have a life of 600 hours or more but less than 900 hours is:

- A 180
- B 305
- C 270
- D 245

Answer: D

53. A number, when subtracted from 3 times the second number, gives a result equal to $\frac{3}{4}$ of the first number. What is the ratio of the first number to the second number?

- A 9 : 5
- B 11 : 6
- C 12 : 7
- D 10 : 7

Answer: C

54. What should come in place of the question mark (?) in the following mathematical statement?

$$8^2 + 16^2 - 19^2 = ?^3 - 257$$

- A 8
- B 6
- C 9
- D 2

Answer: B

55. As per the data shown in the table given, what is the ratio of the students aged below 18 years to the students aged 18 years or above?

Age Group	6-9	9-12	12-15	15-18	18-21	21-24
Number of Students	14	26	18	12	17	7

- A 5 : 9
- B 4 : 3
- C 35 : 12
- D 35 : 27

Answer: C

56. $600 - A = 65\%$ of 200. What is the value of A?

- A 470
- B 460
- C 450
- D 490

Answer: A

57. The average age of eight girls is y years. 5 new girls having ages (in years) given by $y + 3$, $y - 6$, $y + 15$, $y + 8$, and $y + 6$, join the class. What is the new average age of the class?

- A $(y + 1)$ years
- B $(y + 3)$ years
- C $(y + 6)$ years
- D $(y + 2)$ years

Answer: D

58. The side of a square is equal to 40% of the radius of a sphere. If the volume of the sphere is $\frac{500\pi}{3} m^3$, then what is the area of the square?

- A $4 m^2$
- B $2 m^2$
- C $9 m^2$
- D $1 m^2$

Answer: A

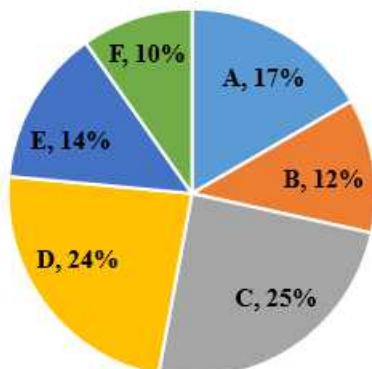
59. In a family of six males and a few females, the average monthly consumption of grain per head is 14.4 kg. If the average monthly consumption per head is 20 kg in the case of males and 6 kg in the case of females, find the number of females in the family?

- A 4
- B 6
- C 7
- D 8

Answer: A

60. Read the given pie chart and answer the given question.

Percentage of Scale officers in different Banks in January 2020



Total Number of Scale I officers in all the six banks, put together = 500

What is the average number of Scale I officers in banks D, E and F?

- A 85
- B 90
- C 75
- D 80

Answer: D

61. If 25% discount is given on an article, then there will be a loss of 15%. If the article is sold at its marked price, then what will the profit percentage be? [Give your answer correct to 2 decimal places.]

- A 12.66%
- B 15.66%
- C 13.33%
- D 10.22%

Answer: C

62. What is the greatest number which, on dividing 342 and 480, leaves remainders of 6 and 4, respectively?

- A 4
- B 7
- C 28
- D 14

Answer: C

63. The difference between the simple interest and the compound interest at the same rate for ₹32,000 for 2 years is ₹80. What is the rate of interest, if, in the case of compound interest, interest is compounded annually?

- A 12% per annum
- B 2% per annum
- C 5% per annum
- D 8% per annum

Answer: C

64. A fabric seller sells 65 m of cloth for ₹5,850 at a profit of ₹11 per metre of cloth. What is the cost price of 1 m of cloth?

- A ₹70
- B ₹80

C ₹89

D ₹79

Answer: D

65. What should come in place of the question mark (?) for the following mathematical statement to be true?

$$(9576 \div -21) \times (462 \div -42) - 563 \times 8 = (?)^3$$

A 5

B 7

C 3

D 8

Answer: D

66. The speed of Ashu is 15 km/h more than the speed of Vishu. They start moving in the same direction at the same time, but initially Vishu is ahead of Ashu by a certain distance. If Ashu crosses Vishu 6 hours after they start moving, what is the initial distance between them?

A 80 km

B 45 km

C 60 km

D 90 km

Answer: D

67. In a 100-m race, A beats B by 20 m and B beats C by 5 m. In the same race, A beats C by:

A 24 m

B 22 m

C 26 m

D 25 m

Answer: A

68. At what rate of simple interest per annum will a sum triple itself in 30 years? [Give your answer correct to 2 decimal places.]

A 3.33%

B 6.67%

C 8.33%

D 4.75%

Answer: B

69. The total surface area of a closed cube is 128 cm^2 more than the area of a square. If the length of each side of the cube is 8 cm, then what is the length of each side of the square?

- A 16 cm
- B 12 cm
- C 18 cm
- D 9 cm

Answer: A

70. Prakash bought 2 items, paying the same price for each of them. He sold one item at a profit of 20% and the other item at a profit of 25%. What is the overall percentage profit he made?

- A 24.5%
- B 22.5%
- C 37.5%
- D 16.5%

Answer: B

71. The radius of a sphere and that of the base of a cylinder are equal. The ratio of the radius of the base of the cylinder and the height of the cylinder is 3 : 4. What is the ratio of the volume of the sphere to that of the cylinder?

- A 9 : 16
- B 27 : 64
- C 1 : 1
- D 1 : 2

Answer: C

72. Sonu can do a work in 15 days, Monu can do it in 10 days, and Tipu can do it in 12 days. In how many days can Sonu, Monu and Tipu together complete the work?

- A 4 days
- B 8 days
- C 10 days
- D 5 days

Answer: A

73. 24 women and 9 men can complete a certain piece of work in 18 days. Each woman takes twice the amount of time taken by a man to finish the work. In how many days can only 9 men finish the same work?

- A 48
- B 42
- C 35
- D 39

Answer: B

74. 2 candidates contested an election. The winning candidate got 52% of the valid votes and won by a margin of 360 votes. If 10% of votes were declared invalid, then what was the total number of votes polled?

- A 11,000
- B 8,000
- C 12,000
- D 10,000

Answer: D

75. The average of ten numbers is 24. If each number is divided by 2, then what will be the new average?

- A 5
- B 20
- C 6
- D 12

Answer: D



INDIA

General Awareness

76. Temperate grasslands are ideal for _____ cultivation.

- A cotton
- B wheat
- C grape
- D apple

Answer: B

77. Which of the following is a work by famous Indian author Khushwant Singh?

- A Train to Pakistan
- B The Guide

C A Suitable Boy

D Sacred Games

Answer: A

78. Gorakhpur is the headquarter of _____ Railway of India.

A Northern

B Eastern

C Western

D North-Eastern

Answer: D

79. Who among the following has sung the famous Bollywood song 'Channa Mereya'?

A Neeti Mohan

B Sukhbir

C Arijit Singh

D Shreya Ghoshal

Answer: C

80. _____ was appointed the new Foreign Secretary of India in April 2022.

A Subrahmanyam Jaishankar

B Vinay Mohan Kwatra

C Harsh Vardhan Shringla

D Meenakshi Lekhi

Answer: B

81. Who was the Viceroy of India when Morley-Minto Reforms were introduced?

A Lord Minto

B Lord Wavell

C Lord Attlee

D Lord Linlithgow

Answer: A

82. Which of the following was the capital of Mahajanapada Gandhara in 6th century BC?

A Mathura

- B** Varanasi
- C** Taxila
- D** Hastinapur

Answer: C

83. The Indian constitution borrowed 'procedure of amending the constitution' from the constitution of _____.

- A** United Kingdom
- B** France
- C** Australia
- D** South Africa

Answer: D

84. Who among the following is the co-founder of Darpana Academy of Performing Arts?

- A** Mrinalini Sarabhai
- B** Pt. Birju Maharaj
- C** Mallika Sarabhai
- D** Uday Shankar

Answer: A

85. Who was the first ruler of Ilbari dynasty (Delhi Sultanate)?

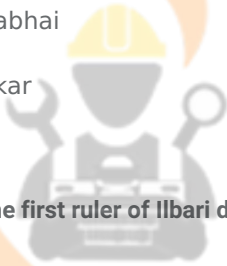
- A** Raziya Sultan
- B** Ghiyasuddin Tughlaq
- C** Qutubuddin Aibak
- D** Iltutmish

Answer: C

86. 'SVANidhi se Samridhhi' programme launched in 2022 is associated with the Ministry of _____.

- A** Housing and Urban Affairs
- B** Finance
- C** Defence
- D** Education

Answer: A



INDIA

87. Which of the following statements is INCORRECT?

- A Living beings inhale metals during respiration.
- B Metals are used in making cookware.
- C Metals are used in the manufacture of automobiles.
- D Metals are used in manufacturing jewellery.

Answer: A

88. Which of the following peaks is at the highest altitude in India?

- A Namcha Barwa
- B Kamet
- C Nanda Devi
- D Makalu

Answer: C

89. The percentage of nitrogen in air is about _____ by volume.

- A 82%
- B 78%
- C 76%
- D 74%

Answer: B

90. Abolition of Titles comes under:

- A Right against Exploitation
- B Right to Freedom
- C Right to Equality
- D Cultural and Educational rights

Answer: C

91. What does 'L' stand for in the LPG Strategy of 1991?

- A Landmark
- B Liquid
- C Legislative
- D Liberalisation



INDIA

Answer: D

92. **What was the main reason for the defeat of Sirajuddaulah at the Battle of Plassey?**

- A** Forces led by commander Mir Jafar never fought the battle.
- B** Sirajuddaulah's prime minister misinformed the location of Britishers.
- C** Britishers knew the secret way to enter Sirajuddaulah's palace.
- D** Britishers cut the food supplies of Sirajuddaulah forces compelling them to surrender.

Answer: A

93. **What is the total duration of a hockey match as of April 2022?**

- A** 60 minutes
- B** 70 minutes
- C** 80 minutes
- D** 50 minutes

Answer: A

94. **What is the stone-like disc seen at the top of the temple in Odisha and nearby district's Temple architecture called?**

- A** Antarala
- B** Jagati
- C** Amalaka
- D** Kalasha

Answer: C

95. **'Elelakkaradi' is a tribal dance form of which Indian state?**

- A** Jharkhand
- B** Goa
- C** Rajasthan
- D** Kerala

Answer: D

96. **In which of the following events did India win a gold medal in the Summer Olympics 2020 (played in 2021)?**

- A** Javelin Throw

- B** Wrestling
- C** Weightlifting
- D** Badminton

Answer: A

97. Which of the following is a tough, porous and black substance, and almost a pure form of carbon?

- A** Coal tar
- B** Bitumen
- C** Coal gas
- D** Coke

Answer: D

98. The Chera Panhara ritual is associated with:

- A** Navratri in Gujarat
- B** Rath Yatra in Odisha
- C** Baisakhi in Punjab
- D** Durga Puja in West Bengal

Answer: B

99. As per the 2011 census, what was the percentage of the urban population in India? (Provide an approximate range.)

- A** Between 40% and 45%
- B** Between 20% and 25%
- C** Between 30% and 35%
- D** Between 10% and 15%

Answer: C

100. Bangladesh shares its borders with which of the following states of India?

- A** Bihar
- B** Meghalaya
- C** Nagaland
- D** Manipur

Answer: B