

SSC MTS 6th July 2022 Shift-3

English Language

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

Decay

- A Growth
- B Spoilage
- C Breakdown
- D Disintegrate

Answer: A

2. Select the correctly spelt word.

- A Assembly
- B Asembly
- C Asemmbly
- D Assemmbly

Answer: A

3. Select the most appropriate ANTONYM of the underlined word in the given sentence.

He learned to endure hunger and cold.

- A Resist
- B Persist
- C Sustain
- D Reconcile

Answer: A

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

Play with fire

- A To do something risky
- B To waste time on worthless things
- C To play a game honestly
- D To please someone

Answer: A

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

I am sorry of which my mother said.

- A No improvement required
- B off that
- C for what
- D for which

Answer: C

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

I don't know why she wears these eccentric outfits.

- A Bizarre
- B Elegant
- C Lavish
- D Expensive

Answer: A

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

The anti-terrorist squod is investgating this case.

- A The anti-terrorist squod is investgatng this case.
- B The anti-terrorist squad is investigating this case.
- C The anti-terrorrist squad is invstigating this case.
- D The anti-terroist squad is investegating this case.

Answer: B

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

In his memoir, Attenborough said that, "Lisa would have been 11 if she was with us today."

- A Attenborough said, "Lisa would have been 11 if she was
- B Attenborough said that, "Lisa will have been 11 if she were
- C Attenborough said, "Lisa would have been 11 if she were
- D No improvement required

Answer: C

9. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Human being are / the producers and the / consumers of Earth's / resources.

- A Human being are
- B consumers of Earth's
- C the producers and the
- D resources

Answer: A

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

My company beliefs that no one should turn up late for work.

- A belief
- B believing
- C believes
- D No improvement required

Answer: C

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

Why should we give up everything?

- A given off
- B gave at
- C gives up
- D No improvement required

Answer: D

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

If I _____ a doctor, I would have treated you all.

- A am
- B could
- C would
- D were

Answer: D

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

Obstruct

- A Replace
- B Release



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- C Curb
- D Unclog

Answer: C

14. 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.

Safety measures makes risky activities less risky.

- A less risky
- B risky activities
- C No error
- D Safety measures makes

Answer: D

15. 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.

Young scientists have fresh ideas; they are ambitious and highly productive.

- A Young scientists have fresh ideas
- B and highly productive
- C they are ambitious
- D No error

Answer: D

16. Select the most appropriate ANTONYM of the underlined word.

He carries that sorrow with him now, just under the surface, almost tangible.

- A Detectable
- B Actual
- C Distinct
- D Abstract

Answer: D

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

To lead one by the nose

- A To be anxious to start something
- B To control someone completely

C To try again after failing at something

D To have the freedom to choose

Answer: B

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

These days, judging someone is easier then respecting them.

A is easiest than

B is more easier then

C is easier than

D No improvement required

Answer: C

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

The ocean waves swelled and reached _____ her head, and she started screaming.

A upon

B at

C among

D above

Answer: D

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

He said the cooperative will continue to invest _____ per its usual yearly rate.

A such

B as

C that

D so

Answer: B

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.

Strong mental health is not just the (1) _____ of mental health problems. (2) _____ mentally or emotionally healthy is (3) _____ more than being free of depression, anxiety or other psychological issues. (4) _____ than the absence of mental illness, mental health (5) _____ to the presence of positive characteristics and positive outlook towards life.

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

A attendance

- B** absence
- C** adequacy
- D** leave

Answer: B

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

- A** Been
- B** As
- C** Be
- D** Being

Answer: D

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

- A** most
- B** very
- C** many
- D** much

Answer: D

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

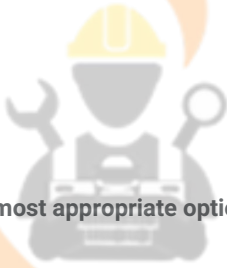
- A** Sooner
- B** Whether
- C** Neither
- D** Rather

Answer: D

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

- A** resembles
- B** means
- C** names
- D** refers

Answer: D



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General Intelligence and Reasoning

26. Seven women A, B, C, D, E, F and G are sitting in a row facing the South (not necessarily in the same order). A is fifth to the right of G. A is at one of the ends. E is exactly in the middle of row. F is fourth to the right of G. B is not the immediate neighbour of E. D is to the immediate left of E.

Which of the following statements is/are NOT correct?

I. D is third to the left of F.

II. F is sitting between C and D.

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

Answer: C

27. 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 trousers are pants.

All pants are clothes.

Conclusions:

I. Some clothes are trousers.

II. All pants are trousers.

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

Answer: D

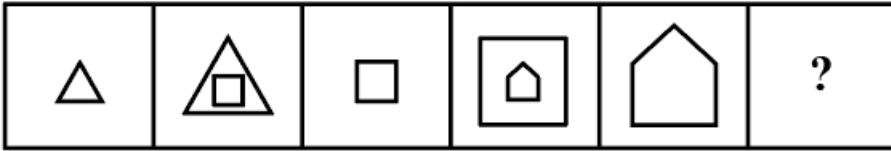
28. Which two numbers need to be interchanged to make the following equation correct?

$$42 \times 15 \div 3 + 6 - 5 = 94$$

- A** 15 and 5
B 5 and 3
C 6 and 3
D 15 and 6

Answer: D

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



A



B



C

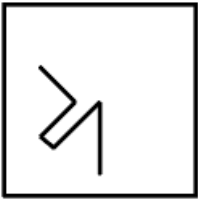


D

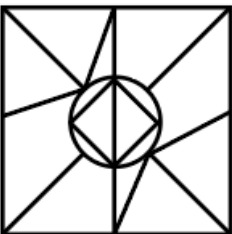


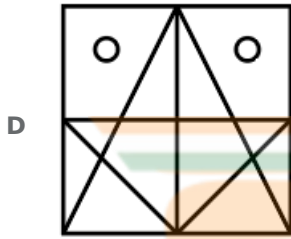
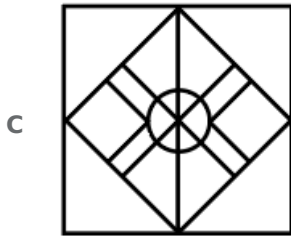
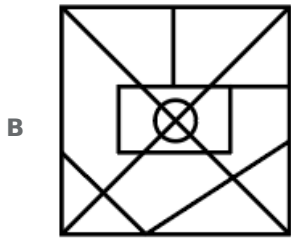
Answer: D

30. Select the option in which the given figure is embedded as its part (rotation is NOT allowed).



A





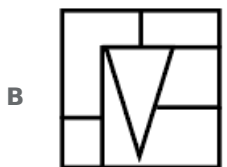
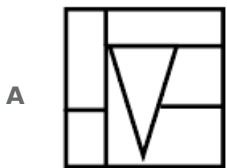
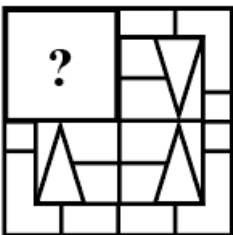
Answer: C

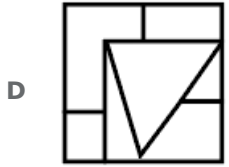
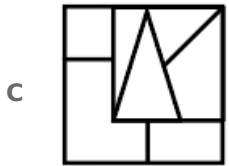
31. What will be the value of the given expression, if 'A' means '+', 'B' means '-', 'C' means ' \times ' and 'D' means ' \div '?
20 B 30 A 15 C 20 D 5

- A 60
- B 50
- C 55
- D 40

Answer: B

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





Answer: B

33. The heights of seven boys B1, B2, B3, B4, B5, B6 and B7 is compared. They all have different heights. B2 is taller than B1 and B6. B7 is shorter than B3 and B4 but taller than B5. B5 is taller than only three boys and B3 is the tallest. How many boys are shorter than B4 and taller than B2?

A 2

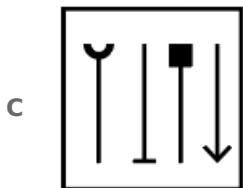
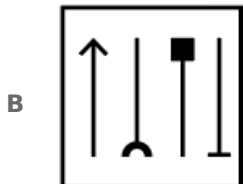
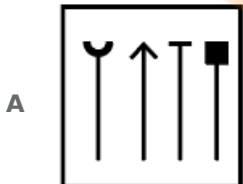
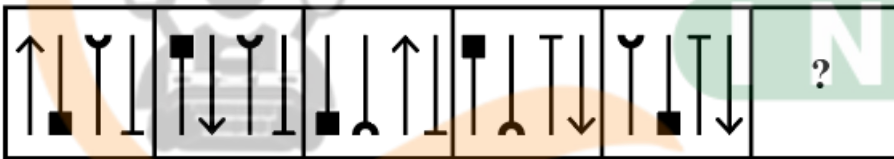
B 1

C 4

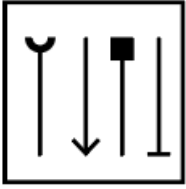
D 3

Answer: A

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



D



Answer: C

35. 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.)
(13, 28, 86) (18, 38, 116)

A (9, 18, 56)

B (10, 22, 68)

C (8, 18, 54)

D (11, 24, 76)

Answer: B

36. 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 fourth number is related to third number.

(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)
139 : 228 :: 122 : 211 :: 2 : ?

A 89

B 91

C 189

D 198

Answer: B

37. In a certain code language, 'Trucks are heavy and good' is coded as '6 8 7 2 @', 'Weight lifts human heavy' is coded as '# % 4 8', and 'good are multiples' is coded as '@ pr 6'. What is can be the code for 'heavy good' in that language?

A 4 6

B 8 6

C 6 @

D 7 8

Answer: B

38. Identify the number that does NOT belong to the following series.

46, 93, 188, 379, 764, 1529

- A 379
- B 764
- C 93
- D 188

Answer: B

39. In a certain code language, 'TRAM' is written as 'UQBL' and 'PAST' is written as 'QZTS'. How will 'DEED' be written in that language?

- A CEFD
- B FEDC
- C EDFC
- D EFCD

Answer: C

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.

$24 : 36 :: 38 : 57 :: 58 : ?$

- A 75
- B 87
- C 69
- D 79

Answer: B

41. In a certain code language, if dress is called comb, comb is called hair dryer, hair dryer is called lipstick, lipstick is called sandal, and sandal is called jewellery, then what is used to colour the lips?

- A Hair dryer
- B Sandal
- C Comb
- D Jewellery

Answer: B

42. In a certain code language, 'Numbers are even' is coded as '5 3 +', and 'Odd factors are multiples' is coded as '+ 7 6 @'. What can be the code for 'even' in that code language?

- A 7

B 5 or 3

C +

D 6

Answer: B

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

Retina : Eye :: Pons : Brain :: Cochlea : ?

A Heart

B Throat

C Ear

D Nose

Answer: C

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

I, M, Q, U, ?, C

A V

B Y

C A

D W

Answer: B

45. Seven friends, Parv, Qazi, Raees, Sushil, Tania, Uma, and Vishnu are sitting around a circular table facing the centre. Parv is immediate neighbour of both Tania and Sushil. Uma is immediate neighbour of both Qazi and Vishnu. Qazi is sitting second to the right of Tania.

Who is sitting to the immediate left of Qazi?

A Sushil

B Uma

C Raees

D Vishnu

Answer: C

46. 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.

POLE : SROH :: HAIR : ?

A KGLU

- B KELU
- C KDLU
- D KDLV

Answer: C

47. 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:

No shirt is a pant. Some shirts are jackets.
All jackets are trousers.

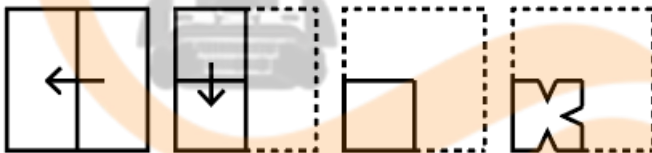
Conclusions:

- I) Some shirts are trousers is a possibility.
- II) No pant is a jacket.

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

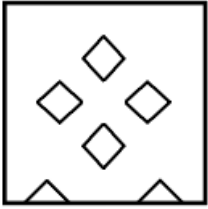
Answer: C

48. 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



Answer: B

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

Book : Author :: Movie : Director :: Poem : ?

A Dancer

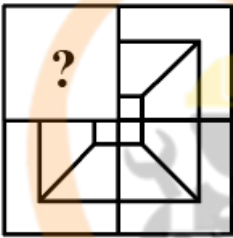
B Poet

C Actor

D Singer

Answer: B

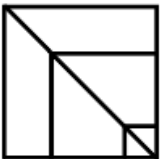
50. Select the figure from the options that can replace the question mark (?) and complete the pattern.



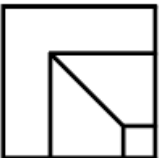
A



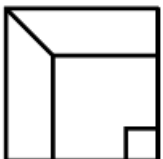
B



C



D



Answer: C

INDIA

Numerical Aptitude

51. The speed of a boat in still water is 16 km/h, the time taken by the boat to cover a distance of 18 km upstream is equal to the time taken by the boat to travel 30 km downstream. What is the speed of the stream?
- A 7 km/h
B 5 km/h
C 4 km/h
D 6 km/h
- Answer: C**
52. In a housing society, the ratio of two-wheelers to four-wheelers is 11 : 9. Among the four-wheelers, one-fourth are petrol vehicles and the remaining 81 are diesel vehicles. How many two-wheelers are there in this housing society?
- A 121
B 88
C 132
D 99
- Answer: C**
53. Two right circular cones of equal volumes have their heights in the ratio 4 : 9. What is the ratio of the radii of their bases, the cones coming in the same order as that in which the ratio of their heights is given?
- A 9 : 4
B 3 : 2
C 4 : 9
D 2 : 3
- Answer: B**
54. Find the area of a trapezium whose parallel sides are of length 15 cm and 20 cm, respectively, and whose distance between the parallel sides is 12 cm.
- A 360 cm^2
B 280 cm^2
C 120 cm^2
D 210 cm^2
- Answer: D**
55. A can do a piece of work alone in 12 days. B is 20% more efficient than A, and C is 25% more efficient than B. In how many days can B and C together complete the work?

- A $\frac{35}{9}$ days
- B $\frac{40}{9}$ days
- C $\frac{35}{7}$ days
- D $\frac{40}{7}$ days

Answer: B

56. What approximate value should come in the place of the question mark '?' in the following equation?

$$305.03 + 61.09 \times 11.47 = ?$$

- A 63
- B 12
- C 57
- D 47

Answer: C

57. The value of $\{(0.51)^3 + (0.49)^3\} \div \{(0.51)^2 - 0.2499 + (0.49)^2\}$ is:

- A 1.57
- B 1.00
- C 2.9
- D 3.31

Answer: B

58. A car travels the first half of a journey at a speed of 80 km/h and the next half of the journey at 100 km/h. What is the average speed of the car? [Give your answer correct to 2 places of decimal.]

- A 92.29 km/h
- B 88.89 km/h
- C 82.28 km/h
- D 45.41 km/h

Answer: B

59. The average age of 24 students in a class is 15 years. When the teacher's age is included, the average increases by 1. What is the teacher's age (in years)?

- A 50
- B 45

C 55

D 40

Answer: D

60. Find the rate of simple interest per annum at which a sum of ₹1,200 will amount ₹1,800 in 4 years.

A 12.5%

B 14%

C 15%

D 10%

Answer: A

61. The difference between the length and the breadth of a rectangle is 16 cm. If its perimeter is 188 cm, then what is its area?

A 2375 cm^2

B 2145 cm^2

C 2100 cm^2

D 2050 cm^2

Answer: B

62. Krish can do a piece of work in 4 days, while Rishi can do the same work in 6 days. Both of them work together and get a total of ₹1,600. What is the share of Rishi?

A ₹640

B ₹720

C ₹580

D ₹800

Answer: A

63. The terms $x - 1$, $x + 2$, $3x + 5$, and y are in proportion. Find the value of y if $x = 5$.

A 45

B 35

C 24

D 29

Answer: B

64. If 60% of $G = \frac{4}{5}$ of H, then G is approximately what percentage of H?

- A 140%
- B 133.33%
- C 115%
- D 125%

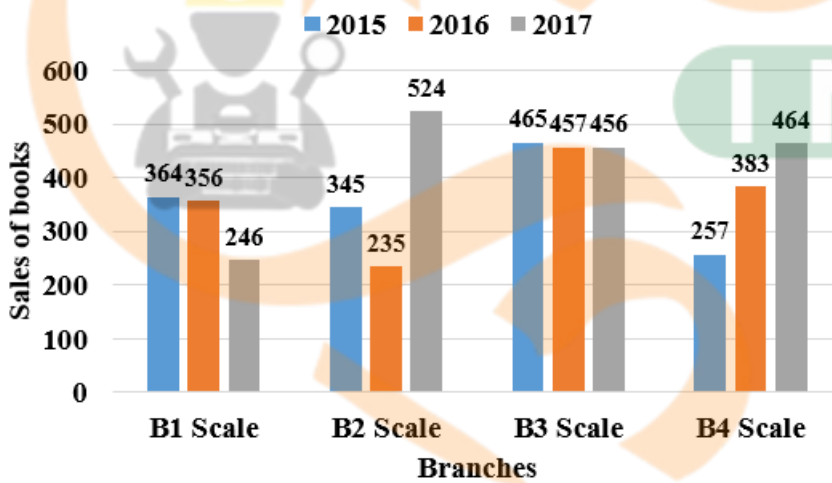
Answer: B

65. The average weight of 6 girls is increased by 2.5 kg when one of the girls whose weight is 38 kg is replaced by a new girl. Find the weight of the new girl.

- A 46 kg
- B 58 kg
- C 53 kg
- D 49 kg

Answer: C

66. The following bar graph shows the number of books sold from four different branches, B1, B2, B3 and B4, of a publishing house, in three consecutive years.



Calculate the total number of books sold from branch B3 during these three years.

- A 1432
- B 1783
- C 1378
- D 1322

Answer: C

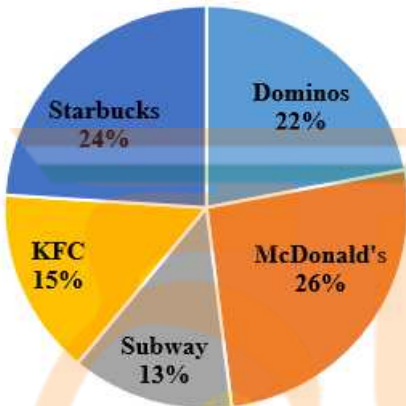
67. The average of U, V and W is 48 and that of V and W is 48. What is the value of U?

- A 46
- B 44
- C 42
- D 48

Answer: D

68. A survey was conducted among 3000 people to find the chain of cafes that was most popular. The following pie chart shows the distribution of the percentage of people according to the choice of their favourite cafe.

Percentage of people



Find the ratio of the number of the people who selected the most popular among the given cafe chains as their favourite to the number of the people who selected the least popular among the given cafe chains as their favourite

- A 2 : 1
- B 1 : 3
- C 1 : 2
- D 3 : 1

Answer: A

69. The following table shows the total number of votes polled and the percentage of invalid votes in a polling center in a village during the last four Assembly elections.

Year	Total votes polled	Percentage of Invalid votes
2005	6500	5%
2010	8000	7%
2015	9400	15%
2020	10400	12%

What is the sum of the number of valid votes polled in 2010 and 2015 at this center?

- A 16425
- B 15430
- C 15600
- D 16140

Answer: B

70. What is the largest number that can exactly divide 403 and 496?

- A 13
- B 31
- C 93
- D 62

Answer: B

71. Ravi sold a chair at a loss of 40%. The selling price of the chair is ₹900. What is the cost price of the chair?

- A ₹1,800
- B ₹1,260
- C ₹1,660
- D ₹1,500

Answer: D

72. By selling an article for ₹450, Riyan incurred a loss of 10%. At what price should he sell it to make a profit of 12%?

- A ₹440
- B ₹600
- C ₹560
- D ₹480

Answer: C

73. How much amount will be received on a principal of ₹10,000 at the rate of 12% per annum, compounded annually for 2 years?

- A ₹13,446
- B ₹13,526
- C ₹12,544
- D ₹11,526

Answer: C

74. If $M = 8x$ and $N = 6x$ then is what percentage less than M ?

- A 25%

- B** 20%
- C** 22.5%
- D** 33.33%

Answer: A

75. The marked price of an article is kept at 25% above the cost price. If the article is sold at a discount of 8%, find the ratio of its selling price to its cost price.

- A** 23 : 40
- B** 43 : 40
- C** 23 : 20
- D** 20 : 23

Answer: C

General Awareness

76. India and Sri Lanka are joined by a group of islands forming _____.

- A** Sesari River Bridge
- B** Mahatma Gandhi setu
- C** Bhupen Hazarika setu
- D** Adams Bridge

Answer: D

77. Which of the following was a revolutionary organisation formed outside India in 1913?

- A** Indian National Congress
- B** Bharatiya Janata Party
- C** Simon Commission
- D** Ghadar Party

Answer: D

78. Which Mauryan ruler was called 'Amitraghata' by the Greeks?

- A** Samudra gupta
- B** kanishka
- C** chandragupta pratham

D bindusara

Answer: D

79. Which of the following was set up in 1956 by the Indian government by nationalising all the existing private sector life insurance companies?

A United India Insurance Company Limited

B General Insurance Corporation

C New India Insurance Company of India Limited

D Life Insurance Corporation of India

Answer: D

80. The Delhi Municipal Corporation (Amendment) Bill, 2022 was introduced by the Ministry of _____ in the Lok Sabha.

A Defence

B Law and Justice

C Home Ministry

D Social Justice and Empowerment

Answer: C

81. Who among the following won a bronze medal in the Summer Olympics 2020 (played in 2021)?

A PV Sindhu

B Neeraj Chopra

C Mirabai Chanu

D Ravi Dahiya

Answer: A

82. The famous song 'Aye Mere Watan Ke Logon' was originally sung by _____.

A Shreya Ghoshal

B Asha Bhosle

C Arijit Singh

D Lata Mangeshkar

Answer: D

83. According to the Indian Constitution, how long is the term of the State Legislative Assembly in India?

- A 7 years
- B 3 years
- C 4 years
- D 5 years

Answer: D

84. Which of the following Articles under Directive Principles of State Policy, in the Indian constitution provides the organisation of village panchayats?

- A Article 60
- B Article 40
- C Article 30
- D Article 50

Answer: B

85. Nishagandhi festival is celebrated in which state of India?

- A Rajasthan
- B Kerala
- C Odisha
- D Madhya Pradesh

Answer: B

86. Which of the following is an example of Phylum Mollusca of the animal kingdom?

- A Dolphin
- B Sea horse
- C King crab
- D Octopus

Answer: D

87. The 'Panthi' dance style is related to which of the following Indian state?

- A Kerala
- B Maharashtra
- C Chhattisgarh
- D Punjab

Answer: C



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88. Which of the following port is known as 'Diamond Harbor'?

- A Kochi
- B Mangalore
- C Kolkata
- D Port Blair

Answer: C

89. Who among the following took the title of 'Ghazi' after defeating Rana Sanga in the Battle of Khanwa in 1527?

- A Humayun
- B Mahmud Shah I
- C Daulat Khan Lodhi
- D Babur

Answer: D

90. Indian shooter and gold medallist Abhinav Bindra's autobiographical book is called _____.

- A Firing Point
- B Hunting the Hard Way
- C A Shot at History
- D Shots Fired

Answer: C

91. Which natural compound helps in light transmission of plants?

- A Sugar (Glucose)
- B Chlorophyll
- C Lectin
- D Curcumin

Answer: B

92. In ICC cricket world cup 2011, which of the following animals was made the official mascot?

- A Horse
- B Lion



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C Elephant

D Tiger

Answer: C

93. Which TMC candidate won the Asansol (West Bengal) by-election in April 2022?

A Shatrughan Sinha

B Mamata Banerjee

C Rahul Gandhi

D Agnimitra Paul

Answer: A

94. Which of the following socio religious communities was founded by Raja Ram Mohan Roy?

A Arya Samaj

B Brahmo Samaj

C Akali Dal

D Prarthana Samaj

Answer: B

95. Choose the most reactive metal from the options given below.

A Sodium

B Copper

C Iron

D Zinc

Answer: A

96. Abhinandan Saroj National Award 2021 was given to whom by Indian National institute of classical Music?

A Prabhu Deva

B Aparna Satheesan

C Shobhana Narayan

D Chaya Kumar

Answer: B

97. Which of the following is an example of Mughal architecture under Aurangzeb?

A Jama Masjid, Delhi

- B** Moti Masjid, Delhi
- C** Taj Mahal, Agra
- D** Qutab Minar, Delhi

Answer: B

98. According to the data from the economic think-tank, the Centre for Monitoring Indian Economy (CMIE), which of the following states witnessed the highest unemployment rate as of January 2022?

- A** Rajasthan
- B** Haryana
- C** Tripura
- D** Delhi

Answer: B

99. According to the census 2011, which state is the most populous state in India?

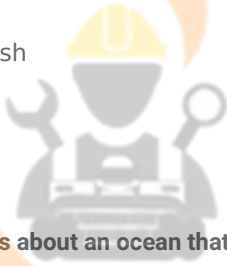
- A** Madhya Pradesh
- B** Kerala
- C** Uttar Pradesh
- D** Rajasthan

Answer: C

100. Mona writes about an ocean that separates North America from Europe. Which ocean is it?

- A** Pacific Ocean
- B** Atlantic Ocean
- C** Arctic Ocean
- D** Indian Ocean

Answer: B



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