

SSC MTS 12th July 2022 Shift-2

English Language

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

A keeper or custodian of a museum

- A Creator
- B Developer
- C Master
- D Curator

Answer: D

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

The list included many mundane, routine tasks.

- A standard
- B temporal
- C customary
- D exceptiona

Answer: D

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

The smell of this flower make me felt dizzy.

- A making I feel
- B makes me feel
- C make me feeling
- D No improvement required

Answer: B

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

Hurdle

- A Progress
- B Impediment
- C Accessory
- D Aid

Answer: B

5. Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
Apart from Germany, they also visited Italy and Austria during its business trip.

- A also visited Italy and Austria
- B during its business trip
- C Apart from Germany, they
- D No error.

Answer: B

6. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.
Suspend all the employees which has been coming late.

- A who have been coming
- B who had came
- C that was been coming
- D No improvement required

Answer: A

7. Select the option that can be used as a one-word substitute for the given group of words.
Any award, honour or laudatory notice

- A Complement
- B Deal
- C Statute
- D Accolade

Answer: D

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

Thinking of talent as innate makes our world more manageable and more comfortable as it relieves a person of the _____ of expectation.

- A blessing
- B assistance
- C burden
- D compensation

Answer: C

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

Agitate



- A Blame
- B Strike
- C Distress
- D Soothe

Answer: D

10. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
But this immortality / will have purchased / at the price of / his immortal part.

- A will have purchased
- B at the price of
- C his immortal part
- D But this immortality

Answer: A

11. Select the correctly spelt word.

- A Tendency
- B Tendensy
- C Tendincy
- D Tendancy

Answer: A

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

As he went through the street on an _____ that morning, he saw a woman with a cat under her arm.

- A Objection
- B encasement
- C Errand
- D Amendment

Answer: C

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

Something happening in three years

- A Annual
- B Triennial
- C Biennial



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D millennial

Answer: B

14. Select the correctly spelt word.

A Imprudence

B Imprudence

C Imprudence

D Imprudence

Answer: B

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

We are selling a single orange _____ ₹10 but nobody is ready to buy it.

A on

B to

C with

D for

Answer: D

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

I had never seen him lose his temper, and he governed our company with an iron hand.

A In anxiety

B At the service

C To any degree

D strict and harsh control

Answer: D

17. 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.

Residents should keep an / eye out for strangers / acting suspecting in their areas

A eye out for strangers

B No error

C Residents should keep an

D acting suspecting in their areas

Answer: D

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

When a plastic comb is rubbed on dry hair, they acquired a static charge.

- A it acquired a
- B it acquires a
- C they acquire an
- D No improvement required

Answer: B

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

Come rain or shine, I will go to Paris tomorrow.

- A At the last moment
- B Whatever happens
- C To decide later
- D To come before the decided time

Answer: B

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

Laborious

- A Unsophisticated
- B Profane
- C Assiduous
- D Pompous

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.

Coca-Cola is to become the new sponsor of the London Eye after (1) _____ a deal to replace France's EDF Energy. The capital's giant Ferris Wheel has been a (2) _____ tourist attraction since it was introduced in 2000, when it was (3) _____ as the Millennium Wheel. It was previously (4) _____ by British Airways before becoming the EDF Energy London Eye in 2011. Coca-Cola will take over in January after (5) _____ a two-year deal with the wheel's owner, Merlin Entertainments, for an undisclosed sum.

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

- A Assorting
- B Enclosing
- C Clearing

D Signing

Answer: D

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

A Leading

B Susceptible

C Supportive

D Mandatory

Answer: A

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

A Based

B Inscribed

C Published

D Known

Answer: D

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

A Sponsored

B Refused

C kept

D Authenticated

Answer: A

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

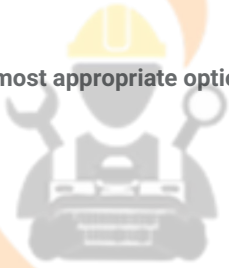
A Striking

B Discovering

C Forging

D Hedging

Answer: A



INDIA

General Intelligence and Reasoning

26. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
TOM, UMP, VKS, ?, XGY

- A WHU
- B WIV
- C WIU
- D WHV

Answer: B

27. Select the number from among the given options that can replace the question mark (?) in the following series.
121, 144, 169, ?, 225, 256

- A 196
- B 192
- C 188
- D 194

Answer: A

28. Select the option in which the two numbers are related in the same way as are the numbers in the given number-pair.

(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)

17 : 19

- A 23 : 27
- B 43 : 53
- C 29 : 31
- D 31 : 41

Answer: C

29. In a certain code language, 'GANT' is coded as '126', and 'PROM' is coded as '186'.
How will 'GAIL' be coded in that language?

- A 63
- B 79
- C 58
- D 87

Answer: D

30. 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. All X are B.
- II. All N are X.

Conclusions:

- I. All N are B.
- II. Some B are X.

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

Answer: C

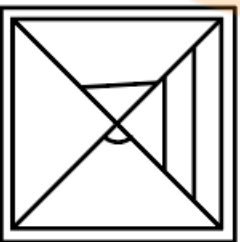
31. Select the option in which the given figure is embedded (rotation is not allowed).



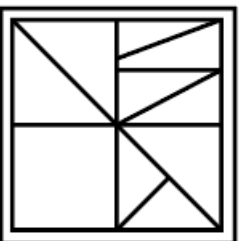
A



B



C



D



Answer: B

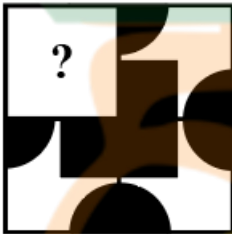
32. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

RL : VJ :: AN : ?

- A FL
- B EL
- C FM
- D EM

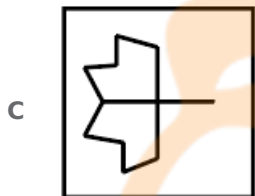
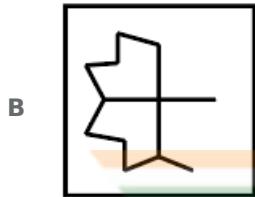
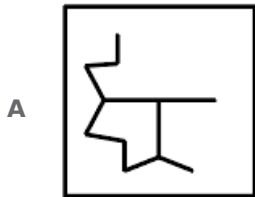
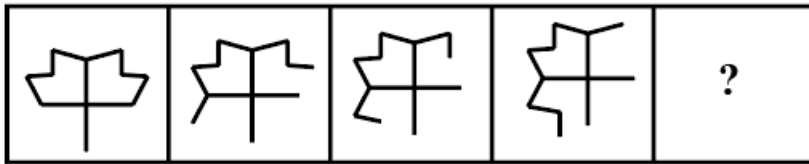
Answer: B

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



Answer: B

34. Select the figure that will come next in the following figure series.



Answer: C

35. What will come in the place of '?' in the following equation, if '+' and '×' are interchanged and also '5' and '9' are interchanged?

$$3 + 9 - 6 \times 5 \div 3 = ?$$

A 10

B 16

C 12

D 14

Answer: C

36. 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.

GAP : EYN :: MAD : KYB :: FILE : ?

A EJGC

B DGJC

C EHKD

D DKHE

Answer: B

37. By interchanging the given two signs, which of the following equations will NOT be correct?

× and -

I. $17 - 21 + 86 \div 2 \times 13 = 387$

II. $10 + 63 - 12 \times 259 \div 7 = 739$

A Equation I

B Equation II

C Neither I nor II

D Both I and II

Answer: B

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

Statements:

Some mangoes are radish and no radish is an apple.

All apples are tomatoes.

Conclusions:

I: All radish being tomatoes is a possibility.

II: Some radishes are tomatoes.

A Neither I nor II follows

B Only I follows

C Only II follows

D Both I and II follow

Answer: B

39. Seven boys B1, B2, B3, B4, B5, B6 and B7 are sitting around a circular table, facing towards the centre (not necessarily in the same order). B3 is second to the left of B6. B1 is third to the left of B3. B7 is third to the left of B6.

B4 is not the immediate neighbour of B6. B2 is not the immediate neighbour of B1, B5 is the immediate neighbour of B1 and B6.. Three out of the following four options are similar by a certain logic and form a group. Which of the following does NOT belong to that group?

A B3, B6, B1

B B6, B1, B7

C B2, B5, B4

D B7, B4, B1

Answer: D

40. In a certain code language, 'SLID' is written as 'TMHC', and 'LIST' is written as 'MJRS'.
How will 'PILE' be written in that code language?

- A QIKC
- B OHMF
- C OMHF
- D QJKD

Answer: D

41. 6 persons A, B, C, D, E and F are sitting around a rectangular table (not necessarily in the same order) facing towards the centre. 4 persons are sitting at each corner, and one person is sitting at the middle of each shorter side of the table. B is an immediate neighbour of D and C. F is an immediate neighbour of A and D. E is an immediate neighbour of A and C. F is not sitting at any of the corners.

Which of the following pairs represents the persons who are sitting exactly opposite to each other?

- A CD
- B FC
- C AD
- D BE

Answer: B

42. Seven friends A, B, C, D, E, F and G have a different number of bikes. D has more bikes than F, but less bikes than G. F has less bikes than A, and A does not have the highest number of bikes. Four persons have more bikes than C. E has the least and D has the third highest number of bikes. B has less bikes than G. Who has the highest number of bikes?

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

Answer: B

43. 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.

8 : 32 :: 12 : 72 :: 18 : ?

- A 180
- B 234
- C 208
- D 162

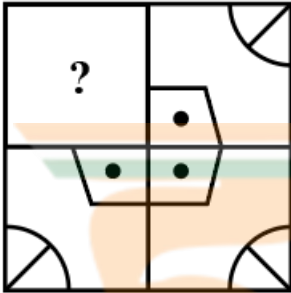
Answer: D

44. Select the number from among the given options that can replace the question mark (?) in the following series.
16, 32, 14, 19, 37, 21, 22, 42, ?, 25, 47, 35

- A 34
- B 26
- C 32
- D 28

Answer: D

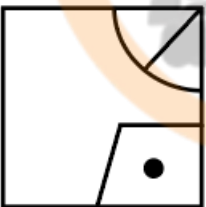
45. Select the figure from the options that can replace the question mark(?) and complete the given pattern.



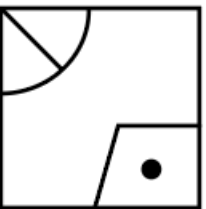
A



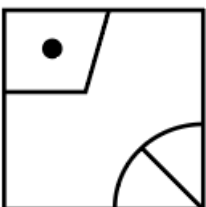
B



C



D



Answer: C

46. In a certain code language, '693' means 'Neha likes cakes', '135' means 'cakes are sweet', '254' means 'we are girls', then what is the code for 'sweet' in the same code language?

- A 3
- B 5
- C 2
- D 1

Answer: D

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



- A
- B
- C
- D

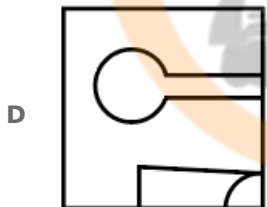
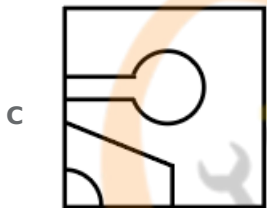
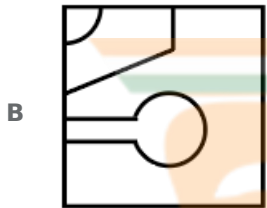
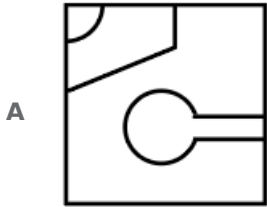
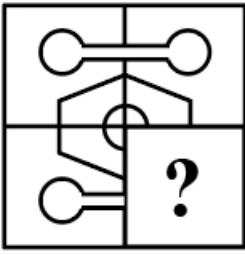
Answer: D

48. In a certain code language, 'GRAY' is coded as '718125', 'FOMK' is coded as '6151311'. How will 'CBHL' be coded in that code language?

- A 23812
- B 32812
- C 38212
- D 32821

Answer: B

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



Answer: B

50. 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.

Water : Thirst :: Food : Hunger :: Rest : ?

- A Thought
- B Wine
- C Exhaustion
- D Intoxication

Answer: C

Numerical Aptitude

51. A borrows an amount ₹3,600 from B at a rate of 20% simple interest for 2 years and lends 75% of this amount to C at 20% compound interest for 2 years. A uses the remaining amount for his personal purpose. Find the total loss incurred by A.

- A ₹928
- B ₹852
- C ₹1,152
- D ₹1,024

Answer: C

52. What is the value of y in the following equation?

$$(1 \div 23) \text{ of } [2 \{3 + 4(35 \div 7)\}] = y$$

- A 23
- B 5
- C 2
- D 21

Answer: C

53. The marked price of one pen is '₹ x '. The selling price of one packet of ' x ' pens, after a discount of 15%, is ₹1,360. What is the value of ' x '?

- A 20
- B 40
- C 30
- D 45

Answer: B

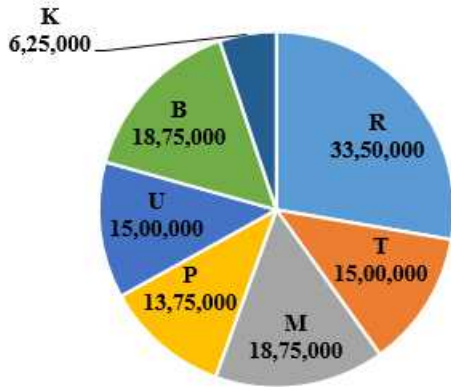
54. The slant height and the radius of a right circular cone are 11 cm and 6 cm, respectively. What is the curved surface area of the cone?

- A $74\pi\text{cm}^2$
- B $60\pi\text{cm}^2$
- C $44\pi\text{cm}^2$
- D $66\pi\text{cm}^2$

Answer: D

55. The following pie chart shows hypothetical populations of different states (K, R, T, M, P, U, B) in the year 2011.

The population of different states in 2011



What is the difference between the total population of R and T and the total population of U and B as per data given in the pie chart above?

- A 13,82,000
- B 15,40,000
- C 12,56,000
- D 14,75,000

Answer: D

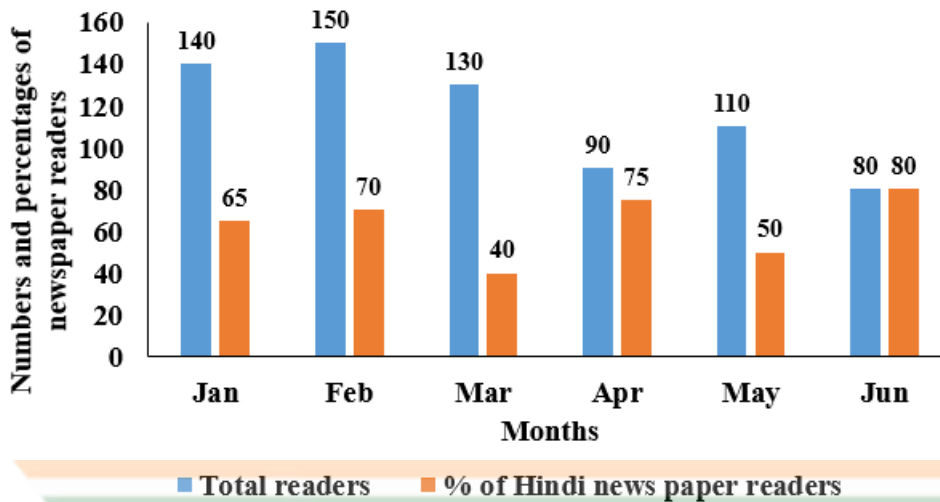
56. Punit goes from his home to his relative's place at a speed of 45 km/h. While returning from the relative's place, due to traffic, it takes him an hour longer as he can only drive at the speed of 40 km/h. Find the distance (in km) of his relative's place from his home.

- A 400
- B 720
- C 180
- D 360

Answer: D

57. The following bar graph shows the total number of newspaper readers (in thousands) in a city during 6 consecutive months in a particular year and the respective percentages of the above-mentioned readers who read Hindi newspapers. The rest of the readers read English newspapers.

Data on readers of newspapers



Note: Total readers = Hindi newspaper readers + English newspaper readers

What is the difference between the number of Hindi newspaper readers during January, February and April taken together and that of English newspaper readers during March, May and June taken together?

- A 154500
- B 114500
- C 176500
- D 138700

Answer: B

58. The cost of building a fence around a circular field is ₹7,425 at the rate of ₹13.50 per foot. What is the area of the circular field? [Use $\pi = \frac{22}{7}$]

- A 25018.5 ft^2
- B 23864.4 ft^2
- C 24644.5 ft^2
- D 24062.5 ft^2

Answer: D

59. In a bag, the number of ₹5 coins is 8 more than the number on ₹10 coins but 20% less than the number of ₹2 coins. If the total amount in the bag is ₹270, what is the number of ₹5 coins?

- A 15
- B 20
- C 25

D 18

Answer: B

60. If $P_1, P_2,$ and P_3 are three distinct prime numbers, then what is the least common multiple of $P_1, P_2,$ and P_3 ?

A P_1

B $P_1 \times P_2 \times P_3$

C $P_2 \times P_3$

D $P_1 + P_2 + P_3$

Answer: B

61. A person goes from P to Q in 8 hours. He starts from P at 8 a.m. Another person goes from Q to P in 12 hours. He starts from Q at 9 a.m. At what time will they meet?

A 1:12 p.m

B 12:12 p.m

C 12:20 p.m

D 1:20 p.m

Answer: A

62. The following table shows the numbers of chairs made of plastic and of steel in 5 different colours that were sold from a furniture showroom during a sale.

| Colour | Steel | Plastic |
|--------|-------|---------|
| C1 | 10 | 12 |
| C2 | 12 | 6 |
| C3 | 8 | 14 |
| C4 | 6 | 18 |
| C5 | 9 | 11 |

The total number of chairs of colour C3 sold are what percentage of all the chairs of these 5 colours sold, both plastic and steel ones put together? [Give your answer correct to 2 decimal places.]

A 17.75%

B 20.75%

C 14.75%

D 23.75%

Answer: B

63. What is the average of the first 13 odd numbers'?

A 14

B 13.5

C 12

D 13

Answer: D

64. Two craftsmen, A and B, are paid a total of ₹700 per week by their employer. If A is paid 250% of the sum paid to B, how much is A paid per week?

A ₹300

B ₹200

C ₹500

D ₹450

Answer: C

65. Shivani purchased five pens for ₹600. She sells these five pens at the rate of ₹50 per pen. What is the approximate loss percentage that Shivani incurred on selling the five pens?

A 58.33

B 48.33

C 53.33

D 61.66

Answer: A

66. The ratio of 45% of 80% of A to 30% of 40% of B is 15 : 4. If the average of A and B is 67.5, what is the value of A - B?

A 10

B 18

C 12

D 15

Answer: D

67. 16 boys or 12 women can do a piece of work in 28 days. In how many days will the same work be done by 4 boys and 4 women, if they all work together?

A 36 days

B 48 days

C 44 days

D 40 days

Answer: B

68. Each side of a square is 12 cm long. The perimeter of this square is equal to the perimeter of a rectangle whose length is 16 cm. What will be the area of this rectangle?

- A 128 cm^2
- B 112 cm^2
- C 184 cm^2
- D 156 cm^2

Answer: A

69. The cost price of 27 articles is the same as the selling price of 18 articles. What is the gain or loss percentage?

- A 50% gain
- B 60% loss
- C 30% loss
- D 90% gain

Answer: A

70. In a bag there are coins of ₹5, ₹10 and ₹20 denominations. The total number of coins in the bag is 240. If the number of coins of ₹5, ₹10 and ₹20 denominations are in the ratio of 2 : 3 : 5, then what is the total amount of money in the bag?

- A ₹3,540
- B ₹4,600
- C ₹4,620
- D ₹3,360

Answer: D

71. An alloy contains a mixture of two metals X and Y in the ratio of 2 : 3. The second alloy contains a mixture of the same metals, X and Y, in the ratio 7 : 3. In what ratio should the first and the second alloys be mixed so as to make a new alloy containing 50% of metal X?

- A 3 : 4
- B 3 : 1
- C 5 : 6
- D 2 : 1

Answer: D

72. 8 years ago, the average age of Rahul's family consisting of 6 members was 35 years. One year ago a new baby was born in this family. What will be the average age of the family four years hence?

- A 41 years
- B 37 years
- C 40 years
- D 43 years

Answer: A

73. On a certain sum of money, the simple interest for 2 years is ₹150 at the rate of 10% per annum. What is the difference between the compound interest and the simple interest for 2 years if, in the case of compound interest, interest is compounded annually at the rate of 10% per annum.

- A ₹5
- B ₹10
- C ₹7.5
- D ₹12.5

Answer: C

74. A work can be completed by 20 men in 50 days. 30 more men join them after 10 days of work. How many days will be saved in completion of the work?

- A 18 days
- B 20 days
- C 24 days
- D 28 days

Answer: C

75. The value of $3\frac{2}{7} + 14\frac{4}{9} + 5\frac{3}{9}$ is:

- A $21\frac{4}{63}$
- B $25\frac{4}{63}$
- C $23\frac{4}{63}$
- D $22\frac{4}{63}$

Answer: C



INDIA

General Awareness

76. Which of the following dances is popularly known as the Gotipua Dance?

- A Garba
- B Bandha Nritya
- C Bhangra
- D Lavani

Answer: B

77. Which Article of the Indian Constitution states that 'The State shall endeavour to secure for the citizens a uniform civil code throughout the territory of India'?

- A Article 40
- B Article 42
- C Article 46
- D Article 44

Answer: D

78. What is the total stock of money in circulation among the public at a particular point of time called?

- A Money order
- B Money supply
- C Short money
- D Money laundering

Answer: B

79. Who is the first Indian woman to win the Grammy Award?

- A Sunidhi Chauhan
- B Lata Mangeshkar
- C Asha Bhosle
- D Tanvi Shah

Answer: D

80. How many General Elections to the Lok Sabha have been held till April 2022?

- A 24
- B 13
- C 17

D 10

Answer: C

81. Sri Lanka is separated from India by the _____.

A Strait of Malacca

B Strait of Gibraltar

C Palk Strait

D Bering Strait

Answer: C

82. In which state does the Tapi river originate?

A Maharashtra

B Andhra Pradesh

C Madhya Pradesh

D Karnataka

Answer: C

83. The Government of India initiated the comprehensive Family Planning Programme in _____.

A 1954

B 1958

C 1952

D 1955

Answer: C

84. Under whose captainship did India win all three major ICC trophies in white-ball cricket till 2021?

A Kapil Dev

B Virat Kohli

C Mahendra Singh Dhoni

D Sourav Ganguly

Answer: C

85. Gautamiputra Shri Satakarni was a ruler of which dynasty?

A Rashtrakuta

B Satavahana

C Chola

D Chera

Answer: B

86. Who among the following was a leader of the Khilafat Movement?

A Bhagat Singh

B Kasturba Gandhi

C Maulana Abul Kalam Azad

D Jyotiba Phule

Answer: C

87. Which of the following teams won the first edition of ISL (Indian Super League)?

A Bengaluru FC

B Chennaiyin FC

C Atletico de Kolkata

D Kerala Blasters FC

Answer: C

88. In which state of India is the Nongkrem dance festival celebrated?

A Bihar

B Madhya Pradesh

C Kerala

D Meghalaya

Answer: D

89. In which year, did Sher Khan defeat Humayun at Kanauj?

A 1541

B 1543

C 1540

D 1542

Answer: B

90. Which of the following diseases is caused by insulin deficiency or insulin resistance?

- A Diabetes
- B Flu
- C Cough
- D Beri Beri

Answer: A

91. Who became the first woman Chairperson of the Securities and Exchange Board of India (SEBI) in 2022?

- A Madhabi Puri Buch
- B Rekha Sharma
- C Chanda Kochhar
- D Gita Gopinath

Answer: A

92. Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) 2005 provides _____ days of assured employment every year to every rural household.

- A 100
- B 120
- C 150
- D 200

Answer: A

93. Union Finance Minister Nirmala Sitharaman, while presenting Union Budget for 2022- 23 announced a programme called 'Parvatmala'. This programme was announced to develop _____.

- A smart houses in hilly areas
- B ropeways in hilly areas
- C hospitality culture in hilly areas
- D roads in hilly areas

Answer: B

94. 'The Race of My Life : An Autobiography' is the autobiography of which of the following persons?

- A Dutee Chand
- B Tintu Luka
- C PT Usha
- D Milkha Singh

Answer: D

95. The splitting of white light into its component colours is called _____.

- A refraction
- B reflection
- C scattering
- D dispersion

Answer: D

96. After the Revolt of 1857 was put down by Britishers, which Mughal ruler was forced to leave the country?

- A Bahadur Shah Zafar
- B Farrukhsiyar
- C Ahmad Shah Bahadur
- D Muhammad Shah

Answer: A

97. Which of the following is known as artificial silk?

- A Acrylic
- B Nylon
- C Polyester
- D Rayon

Answer: D

98. Which of the following is a warm current?

- A Labrador current
- B Falkland current
- C Canary current
- D Gulf stream

Answer: D

99. Which Bharatanatyam dancer became the second youngest dancer to be honoured with the 'Padma Shri' award in 1991?

- A Hema Malini



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- B** Narthaki Nataraj
- C** Saroj Khan
- D** Alarmel Valli

Answer: D

100. Mukteshwara Temple is a 10th-century Hindu temple dedicated to Shiva, located in _____.

- A** Assam
- B** Odisha
- C** Maharashtra
- D** Gujarat

Answer: B

