SSC MTS 13th July 2022 Shift-2

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'.
One of the baby elephants broke <u>off</u> from the herd and lost its way.

A No improvement required

B in

C down

D away

   Answer: D

2. Select the most appropriate ANTONYM of the given word.
   Sturdy

A Delicate

B Dragging

C Tiny

D Drab

   Answer: A

3. Select the most appropriate option to fill in the blank.
   _____ is going to take the responsibility for this failure?
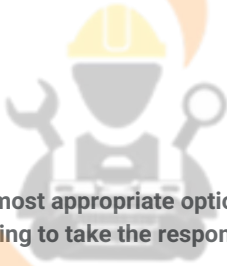
A Whom

B Who

C Which

D Whose

   Answer: B

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

A Awful

B Delightful

C Faithful

D Sorrowful

   Answer: B

5. **Select the option that can be used as a one-word substitute for the given group of words.**
   One who believes in fate

A   Fatalist

B   Optimist

C   Mercenary

D   Ascetic

   Answer: A

6. **Select the most appropriate meaning of the given idiom.**
   To take with a grain of salt

A   To take seriously

B   To have total disbelief

C   To believe with some scepticism

D   To accept wholeheartedly

   Answer: C

7. **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.**
   We usually sleep in bedrooms with the door firmly shuted behind us.

A   We usually sleep in

B   bedrooms with the door

C   No error

D   firmly shuted

   Answer: D

8. **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.
   You have to constant consider how your personal behaviour is going to impact everyone around you.

A   You have to constant consider

B   No error

C   to impact everyone around you

D   how your personal behaviour is going

   Answer: A

9. **Select the option that will improve the bracketed part of the sentence. In case no improvement is needed, select 'No improvement required'.(Neither of the leading**
   political parties have had much) success in the southern region.

A No improvement required

B Neither of the leading political parties has had much

C Neither of the leading political party has had much

D Neither of the leading political parties have had any

   Answer: B

10. **Select the option that can be used as a one-word substitute for the given group of words.**
    The collection and study of postage stamps

A Philately

B Ornithology

C Philosophy

D Philanthropy

   Answer: A

11. **Select the INCORRECTLY spelt word.**

A Barricade

B Prosperity

C Bouket

D Dissatisfied

   Answer: C

12. **Select the option that corrects the misspelt words in the given sentence.**
    He maintins the unity and fredom of the suol.

A He maintains the unity and freedom of the soul.

B He maintains the unity and freedomm of the soul.

C He maintins the unitty and freedom of the soul.

D He maintins the unity and fredom of the soul.

   Answer: A

13. **Select the most appropriate meaning of the given idiom.**
    Make a living

A To abuse someone

B To make excuses for everything

C To earn enough money for things you need

D To rely on corrupt money

   Answer: C

14. **Select the option that can be used as a one-word substitute for the given group of words.**
    A person who sells flowers

A Florist

B horticulturist

C Chauffeur

D Invigilator

   Answer: A

15. **Select the most appropriate ANTONYM of the given word.**
    Miniature

A Teeny

B Mammoth

C Average

D Miniscule

   Answer: B

16. **Select the most appropriate option to fill in the blank.**
    Most employers _____ the use of mobile phones during office hours.

A prohibit

B submerge

C cultivate

D spirit

   Answer: A

17. **Select the option that can be used as a one-word substitute for the given group of words.**
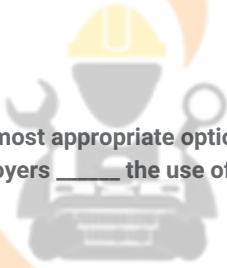   **A disturbed state of mind caused by an illness.**

A Delirium

B Discrepancy

C Dilemma

D Depreciation

   Answer: A

18. **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.**
Your infidelity have given me too much pain in life.

A   given me too

B   much pain in life

C   No error

D   Your infidelity have

   Answer: D

19. **Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.**

   His <u>wise choice</u> of men like Wolfe in Canada and Clive in India, and his vigorous measures in managing foreign affairs, made England respected in every part of the world.

A   wisely chosen

B   wisely choice

C   No substitution required

D   wise choose

   Answer: C

20. **Select the most appropriate synonym of the underlined word in the given sentence.**
   These colours add a <u>vivacious</u> and fairy-like effect to my dress.

A   repressed

B   impassive

C   sparky

D   gloomy

   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.

In Andhra Pradesh, low rainfall and increased (1) _____ on borewells have led to soil aridity, while (2) _____ snow and more rainfall has (3) _____ the desertification crisis in Himachal Pradesh. On the other (4) _____, in Rajasthan, canals, tube-well irrigation and shelterbelts have (5) _____ to an increase in the green cover.

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

A   growth

B   support

C   addiction

D dependence

Answer: D

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

A few

B least

C less

D fewer

Answer: C

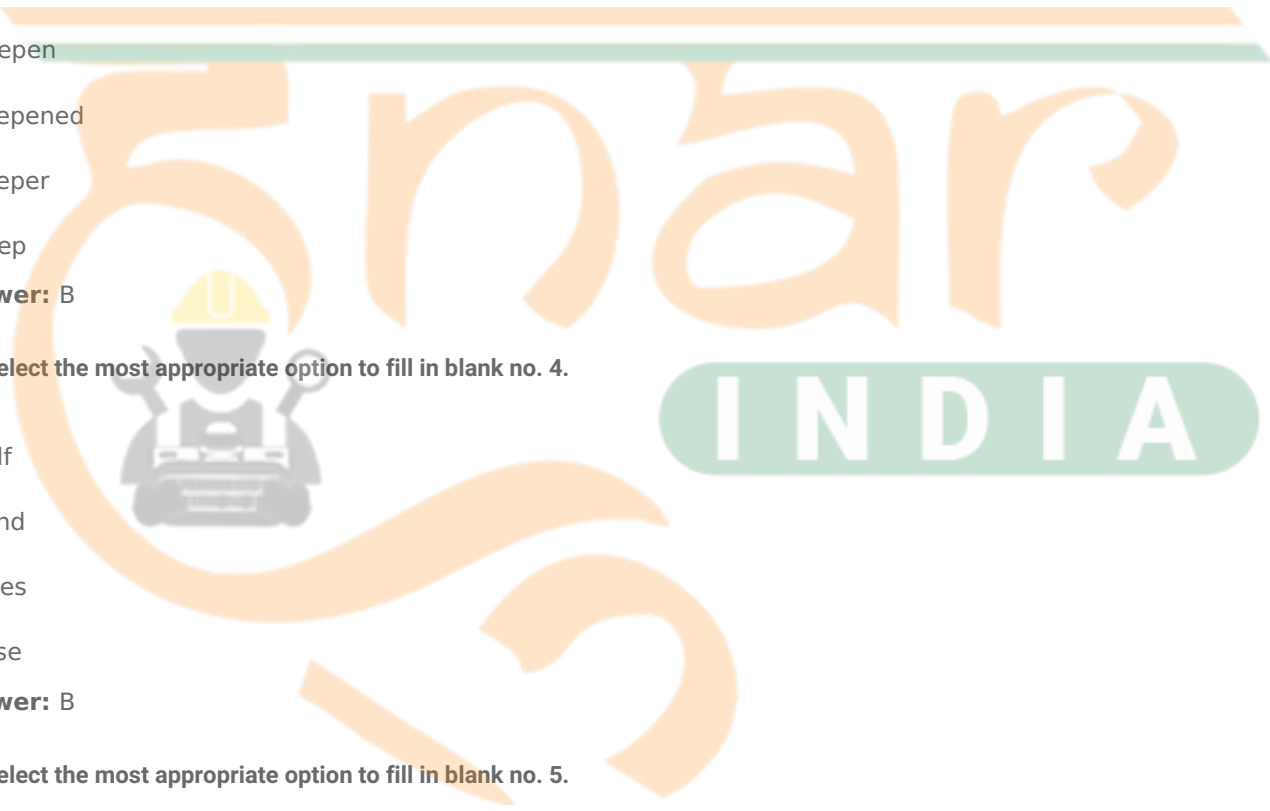23. **Select the most appropriate option to fill in blank no. 3.**

A deepen

B deepened

C deeper

D deep

Answer: B

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

A half

B hand

C sides

D case

Answer: B

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

A lead

B led

C leading

D leads

Answer: B

General Intelligence and Reasoning

26. **Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.**
    3856 : 8563 :: 4893 : ? :: 2873 : 8732

A   8934

B   3948

C   3984

D   8943

   Answer: A

27. **Six people Ali, Parth, Roy, Minal, Sudhir and Zeeshan are sitting in a straight row facing North. Sudhir and Zeeshan are in the centre. Ali and Parth are at the corners.**
    Roy is sitting to the immediate left of Ali. Who is sitting to the immediate right of Parth ?

A   Sudhir

B   Zeeshan

C   Roy

D   Minal

   Answer: D

28. **In a certain code language, 'Flames are bright' is written as '@ # %' and 'Bright is sun flames' is written as '* # 7 @'. Which one of the following is the possible code for 'is' in that code language?**
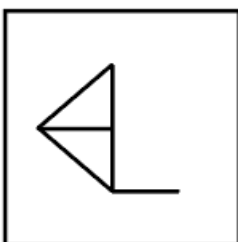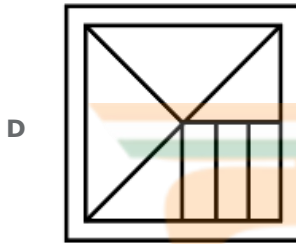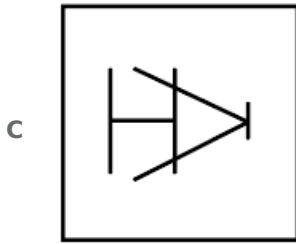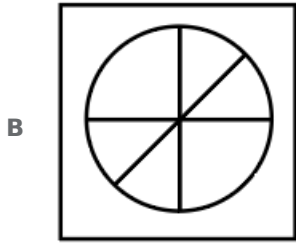
A   %

B   @

C   #

D   *

   Answer: D

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

A

B

C

D
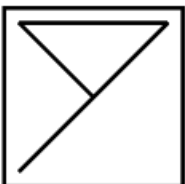
Answer: D

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. Some A are B.
   II. All C are B.

   Conclusions:
   I. Some B are A's is a possibility.
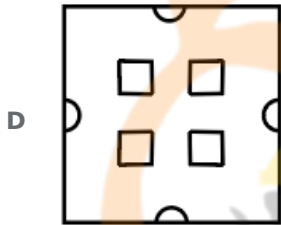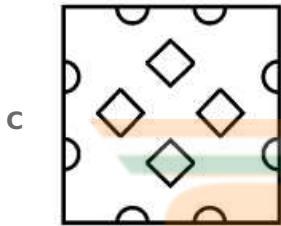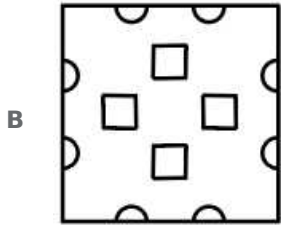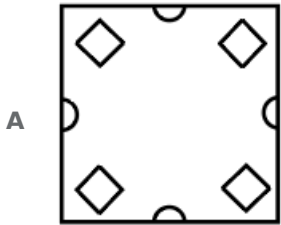   **II. No C is A.**
   III. All A are C.

A None of the conclusions follow

B Only conclusion I follows

C All the conclusions follow

D Only conclusion III follows

   Answer: B

31. **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?**
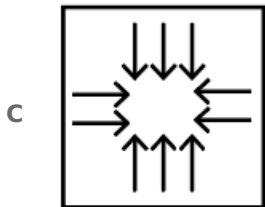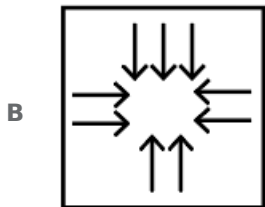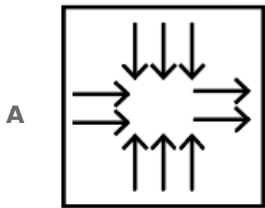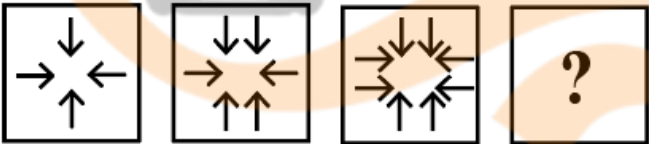
A

B

C

D
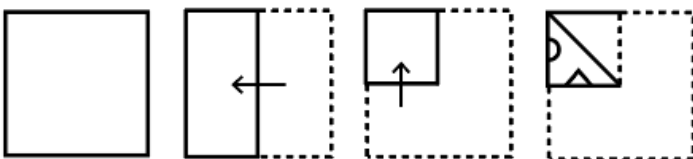
Answer: C

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

A

B

C

D
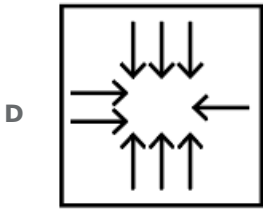
Answer: C

33. **In a certain code language, 'ri ti gi' is written as 'Usha playing cards', 'si ni gi' is written as 'Asha playing tennis' and 'ri si wi' is written as 'cards and tennis'. What is the code for the word 'tennis' in that language?**

A ni

B ri

C wi

D si

Answer: D

34. **In a certain code language, 'PIZZA' is written as 'QJAAB' and 'BLACK' is written as 'CMBDL'. How will 'BUZZY' be written in that language?**

A CVAZZ

B CVAAZ

C CVABZ

D CTAAZ

Answer: B

35. **Which two signs need to be interchanged to make the following equation correct?**
$$352 \times 8 - 330 + 125 \div 4 = 214$$
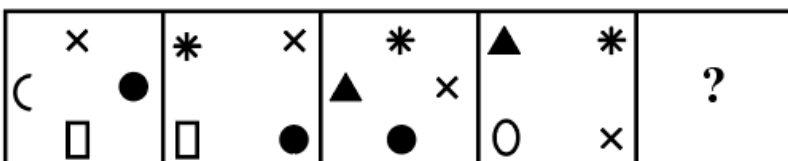
A + and ×

B − and ÷

C + and ÷

D × and ÷

Answer: D

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

A

B

C

D
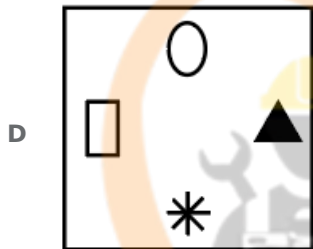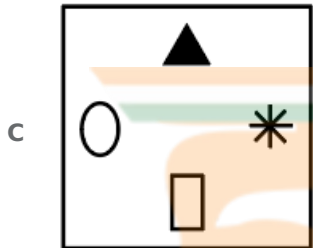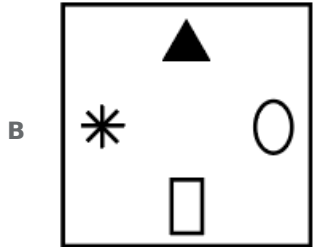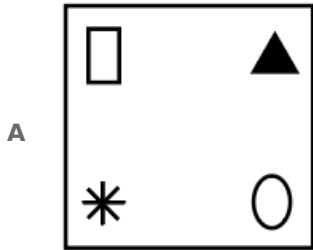
Answer: C

37. **A, B, C, D, E, F and G give a test. A scores more than B, C and D. G scores more than E and F. F scores more than A. Who scores the highest in the test?**

A F

B A

C E

D G

Answer: D

38. **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.**
DGP : WTK :: MOS : ?

A NEH

B MLH

C NLT

D NLH

Answer: A

39. **Select the option in which the numbers are related in the same way as are the numbers of the following sets.**
    (2, 4, 36)
    (4, 6, 100)

A   (8, 4, 1020)

B   (12, 4, 230)

C   (4, 4, 64)

D   (14, 2, 75)

   Answer: C

40. **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.**
    1503 : 3004 :: 871 : 1740 :: ? : 142

A   98

B   110

C   72

D   65

   Answer: C

41. **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?**
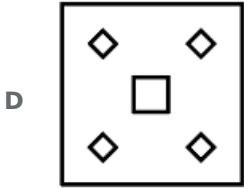

A

B

C

D

Answer: A

42. **Nine people Asha, Bishal, Carol, Dinky, Emily, Farah, Golu, Harsh, and Itika are watching a movie in a theatre sitting in a straight row facing North. Bishal is at one end of the row. Harsh is seated adjacent to both Farah and Golu. Carol is to the immediate right of Dinky and in the third place to the right of Emily. Asha is on the immediate left of Farah. Farah is in the third place to the left of Bishal. Who are at the ends of the row?**

A   Bishal and Dinky

B   Harsh and Itika

C   Carol and Emily

D   Emily and Bishal

Answer: D

43. **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.**
A 1 : E 3 :: M 7 : Q 9 :: S 5 : ?

A   W 7

B   U 7

C   W 5

D   V 7

Answer: A

44. **Select the number from among the given options that can replace the question mark (?) in the following series.**
6, 9, 7, 10, 8, 11, ?

A   12

B   9

C   11

D   10

Answer: B

45. **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 atom is a molecule.
   No molecule is an element.

   Conclusions:
   I. It is possible for some atoms to be elements.
   II. Some elements are molecules.

A   Only conclusion I follows

B   Both conclusions I and II follow

C   Only conclusion II follows

D   Neither conclusion I nor II follows

   Answer: A

46. **What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and also '$$\times$$' and '$$\div$$' are interchanged?**
   $$40 \times 10 - 20 + 10 \div 2 = ?$$

A   4

B   8

C   6

D   2

   Answer: A

47. **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.**
   ROM : SRT :: PNA : ?

A   QQH

B   QQI

C   RQI

D   QRH

   Answer: A

48. **Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.**
   TX, ZD, FJ, LP, ?

A   RU

B   SV

C   SU

D RV

Answer: D

49. **Select the correct mirror image of the given figure when the mirror is placed at line AB as shown.**

A

B

C

D
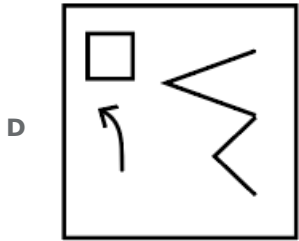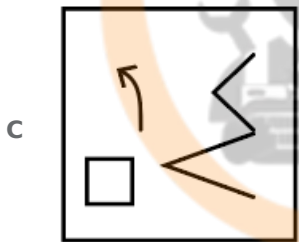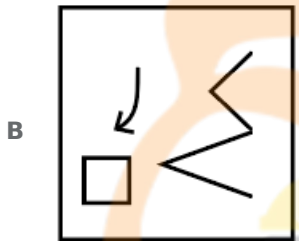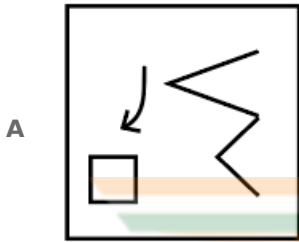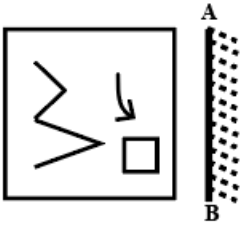
Answer: B

50. **In a certain code language, 'POINT' is coded as '11', and 'GRANDST' is coded as '11'.**
    How will 'HEMANT' be coded in that language?

A 8

B 4

C 9

D 7

Answer: D

Numerical Aptitude

51. An article is sold for ₹4,800 at a profit of 20%. If the selling price is increased by ₹600, then what will be the profit percentage?

A   40%

B   25%

C   30%

D   35%

   Answer: D

52. What is the difference between the compound interest and the simple interest on ₹2,000 at 10% interest per annum for 2 years, if, **for compound interest, interest is compounded annually?**

A   ₹20

B   ₹40

C   ₹80

D   ₹60

   Answer: A

53. Find the single discount equivalent to two successive discounts of 10% and 5%.

A   85.5%

B   90%

C   75.5%

D   14.5%

   Answer: D

54. A is 40% less than 60% of 1500. What is the value of A?

A   500

B   480

C   540

D   360

   Answer: C

55. $P = 18 \times 9 \div 6 + 5 \times 15 \div 25$ and $Q = 15 \div 5 \times 5 - 25 \div 5$, what is the value of $(P \div Q)$?

A 2.5

B 2

C 3

D 1.5

Answer: C

56. If A, B and C are three distinct prime numbers, then what is the highest common factor of A, B and C?

A 7

B 0

C 5

D 1

Answer: D

57. What is the value of p in the following equation?

$$64 - [16 + \{23 - (12 + 10)\}] = p$$

A 47

B 49

C 81

D 3

Answer: A

58. If the mean of two **numbers is 12, and the difference between the two** numbers is 6, find the two numbers.

A 2 and 22

B 14 and 10

C 15 and 9

D 3 and 24

Answer: C

59. The average of T_1 and T_2 is 15. The average of T_3 and T_4 is 35. What is the average of T_1, T_2, T_3 and T_4?

A 24

B 30

C 28

D 25

60. Tap A can fill an empty tank in 8 hours if no other tap is open, and tap B can empty the same tank, when filled, in 12 hours, when no other tap is open. Find the time taken to fill the same tank, when empty, if both the taps are opened together

A   12 hours

B   16 hours

C   24 hours

D   36 hours

Answer: C

61. ₹2,300 is to be divided among P, Q, R and S in such a way that the ratio of P: Q: R : Sis 2: 6: 9: 6, respectively. What is the sum of the shares of P and S?

A   ₹1,100

B   ₹1,200

C   ₹800

D   ₹230

Answer: C

62. Pia and Ria can complete a project together in 26 days. Pia alone can complete the project in 78 days. They start working together but Pia leaves after 12 days. In how many days can Ria complete the remaining work of the project?

A   21 days

B   24 days

C   25 days

D   13 days

Answer: A

63. The compound interest received on ₹18,000 for 2 years is ₹7,920, when the interest is compounded annually. What is the rate of interest per annum?

A   15%

B   12.5%

C   20%

D   25%

Answer: C

64. A room is in the shape of a cuboid of dimensions 4 m, 2 m and 8 m. If a bag of grain occupies a space of 0.50 m^3, then how many such bags can be stored in the room?

A   128 bags

B   144 bags

C   108 bags

D   118 bags

   Answer: A

65. A train completely crosses a bridge of length 80 m in 15 s. Find the length of the train if its speed is 72 km/h.

A   300 m

B   220 m

C   150 m

D   270 m

   Answer: B

66. The selling price and the cost price of a cup are ₹576 and ₹800 respectively. What is the loss percentage?

A   22%

B   28%

C   24%

D   32%

   Answer: B

67. How many identical solid cubes, each having sides that are 3 cm long, can be formed by melting a solid cuboid, whose length, breadth and height are 9 cm, 12 cm and 15 cm, respectively?
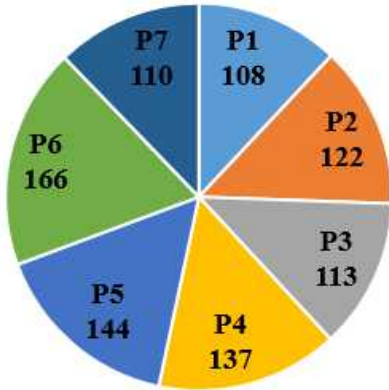
A   50

B   120

C   60

D   90

   Answer: C

68. If 8 : x :: x : 32, find the positive value of x.

A   20

B   16

C   4

D 12

   Answer: B

69. The following pie chart shows the actual number of photographs shared by a person on each of 7 different social media platforms.

   What is the difference between the central angles made by sector P5 and sector P1?

A $$18^{\circ}$$

B $$10.8^{\circ}$$

C $$14.4^{\circ}$$

D $$21.6^{\circ}$$

   Answer: C

70. The length of each side of a square is 16 cm. What is the area of the square?

A 112 $$cm^{2}$$

B 176 $$cm^{2}$$

C 128 $$cm^{2}$$

D 256 $$cm^{2}$$

   Answer: D

71. A truck is running at a speed of 75 km/h. In 4 hours, how much distance will it cover?

A 280 km

B 300 km

C 240 km

D 320 km

   Answer: B

72. **The following table shows the total sale of cars of four companies from 2015 to 2018.**
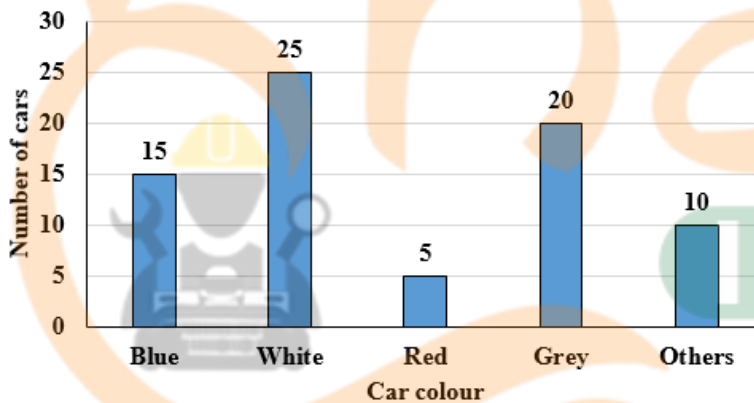
YEAR/CAR	TATA	HYUNDAI	MAHINDRA	TOYOTA
2015	465	472	486	482
2016	375	427	379	419
2017	246	357	236	523
2018	456	357	484	475

In which year was the total number of cars sold by these four companies taken together the maximum?

A   2015

B   2018

C   2017

D   2016

Answer: A

73. **The following graph shows the number of cars of different colours in a society.**

What is the approximate percentage of white colour cars out of all cars in the society?

A   66.67%

B   33.33%

C   15%

D   25%

Answer: B

74. **An alloy contains 30 per cent aluminium. What quantity of alloy will have 300 gm of aluminium?**

A   0.8 kg

B   1 kg

C   1.2 kg

D   0.6 kg

Answer: B

75. **The mean of five numbers is 45. If a sixth number is also included, the mean becomes 48. Find the sixth number.**

A 73

B 63

C 43

D 53

   Answer: B

General Awareness

76. **In which state of India is the Iravatanesvara temple situated?**

A Tamil Nadu

B West Bengal

C Rajasthan

D Telangana

   Answer: A

77. **Which of the following cities existed in the Indus Valley Civilization?**

A Harappa

B Sanchi

C Muziris

D Ayodhya

   Answer: A

78. **What is the atomic number of Carbon as per Mendeleev's Periodic Table?**

A 3

B 6

C 1

D 10

   Answer: B

79. **The study of human populations including their size, composition and distribution across space and the process through which populations change is called _____.**

A ethnography

B demography

C topography

D stenography

   Answer: B

80. **Which of the following pairs of folk dance and the state associated with is INCORRECT?**

A Giddha - Punjab

B Wancho - Arunachal Pradesh

C Ghumar - Bihar

D Nongkrem - Meghalaya

   Answer: C

81. **Which of the following rivers rises in the Nepal Himalayas?**

A Betwa

B Chenab

C Chambal

D Ghaghara

   Answer: D

82. **How many different levels of courts are there in India?**

A Two

B Four

C Five

D Three

   Answer: D

83. **Aves are warm-blooded animals and have a _____ heart.**

A four-chambered

B two-chambered

C five-chambered

D three-chambered

   Answer: A

84. **Ustad Zakir Hussain is a famous Indian _____ player.**

A   Violin

B   Guitar

C   Sitar

D   Table

   Answer: D

85. **Joint sector industry is one of the classifications of industries on the basis of _____.**

A   source of raw material

B   capital investment

C   bulk and weight of raw material

D   Ownership

   Answer: D

86. **As per Census 2011, which of the following metro cities was the most populated in India?**

A   Kolkata

B   Chennai

C   Delhi

D   Mumbai

   Answer: D

87. **Which Indian state government launched Project Sadbhavana in February 2022?**

A   Maharashtra

B   Assam

C   Tamil Nadu

D   Gujarat

   Answer: B

88. **In which year did Tipu Sultan die defending his capital Seringapatam?**

A   1799

B   1802

C 1792

D 1794

   Answer: A

89. **In the Union Budget of India 2022, what percentage of tax has been levied on transfer of digital assets (cryptocurrency)?**

A 20 percentage

B 5 percentage

C 30 percentage

D 10 percentage

   Answer: C

90. **Ajit Kumar Doval is the fifth and current _____ to the Prime Minister of India.**

A Private Secretary

B Principal Secretary

C National Security Advisor

D Additional Secretary

   Answer: C

91. **Which of the following teams won the ICC Women's World Cup 2021/22?**

A Australia

B South Africa

C England

D India

   Answer: A

92. **Padma Subrahmanyam is known for which classical dance form?**

A Bharatanatyam

B Kathak

C Kuchipudi

D Mohiniyattam

   Answer: A

93. **Which of the following does NOT fall under Non-Chordates?**

A   Annelida

B   Porifera

C   Vertebrata

D   Mollusca

   Answer: C

94. **Which of the following is one of the key features of the Indian Constitution?**

A   Autocratic government

B   Dependent Judiciary

C   Non-secular

D   Federalism

   Answer: D

95. **_____ was founded by the Dadoba Pandurang and his brother Atmaram Pandurang in 1863 when Keshub Chandra Sen visited Maharashtra, with an aim to make people believe in one God and worship only one God.**

A   Prarthana Samaj

B   Satyashodhak Samaj

C   Arya Samaj

D   Brahmo Samaj

   Answer: A

96. **Which planet in the solar system is considered as Earth's twin?**
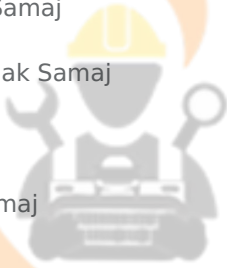
A   Mercury

B   Saturn

C   Neptune

D   Venus

   Answer: D

97. **Who among the following Chola rulers built Nishumbhasudini Goddess temple in Thanjavur?**

A   Aditya I

B   Vijayalaya

C   Rajaraja I

D   Arinjaya

   Answer: B

98. **What is the name of Mahatma Gandhi's autobiography ?**

A   Justice for the Judge

B   The Story of My Experiments with Truth

C   The Bandit Queen of India

D   My Music, My Life

Answer: B

99. **Who among the following is the first Indian Grandmaster to become Women's Chess World Rapid Champion?**
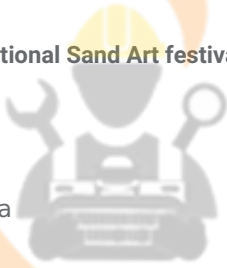
A   Tania Sachdev

B   Koneru Humpy

C   Harika Dronavalli

D   Bhakti Kulkarni

Answer: B

100. **The International Sand Art festival is usually held in _____.**

A   Kerala

B   Maharashtra

C   Tamil Nadu

D   Odisha

Answer: D