

Mathematics (25 Marks)

1. If 1 is added to the greatest 7 digits number, it will be equal to:

- (a) 10 thousand (b) 1 lakh
(c) 10 lakh (d) 1 Crore

Ans: (d)

2. Which of the following is the Roman Numeral for 69?

- (a) LXXI (b) LXIX
(c) CXIX (d) CXXI

Ans: (b)

3. A vessel has 4 litre and 500 ml of milk. In how many glasses, each of 25 ml capacity, can it be filled?

- (a) 150 (b) 160
(c) 170 (d) 180

Ans: (d)

4. The largest 4 – digits number, using any one digit twice, from digits 5, 9, 2 and 6 is

- (a) 9652 (b) 9562
(c) 9659 (d) 9965

Ans: (d)

5. A whole number is added to 25 and the same number is subtracted from 25. The sum of the resulting numbers is

- (a) 0 (b) 25
(c) 50 (d) 75

Ans: (c)

6. Which of the following is the additive identity in the set of whole numbers?

- (a) 1 (b) zero
(c) – 1 (d) any number

Ans: (b)

7. Sum of the numbers of primes between 16 to 80 and 90 to 100 is

- (a) 20 (b) 18
(c) 17 (d) 16

Ans: (c)

8. LCM of two numbers is 180. Then which of the following is not the HCF of the numbers?

- (a) 45 (b) 60
(c) 75 (d) 90

Ans: (c)

9. What is the length of the diameter of a circle of radius 8 cm?

- (a) 4 cm (b) 8 cm
(c) 16 cm (d) 2 cm

Ans: (c)

10. When a negative integer is subtracted from another negative integer, the sign of the result:

- (a) is always negative
(b) is always positive
(c) is never negative
(d) depends on the numerical value of the integers

Ans: (d)

11. The side of a square is 10 cm. How many times will the new perimeter become if the side of square is doubled?

- (a) 2 times (b) 4 times
(c) 6 times (d) 8 times

Ans: (c)

12. A machine, on an average, manufactures 2825 screws a day. How many screws did it manufacture in the month of January?

- (a) 84750 (b) 87575
(c) 81925 (d) 79100

Ans: (b)

13. The greatest number which on rounding off to nearest thousands gives 5000, is

- (a) 5001 (b) 5559
(c) 5999 (d) 5499

Ans: (d)

14. What is the successor of 1099999?

- (a) 1100001 (b) 1100000
(c) 1099998 (d) 9999999

Ans: (b)

15. LCM of two numbers is 180. Then which of the following is not the HCF of the numbers?

- (a) 45 (b) 60
(c) 75 (d) 90

Ans: (c)

16. The instrument in the geometry box having the shape of a triangle is called a

- (a) Protractor (b) Compasses
(c) Divider (d) Set-Square

Ans: (d)

17. The number of lines of symmetry in a protractor is

- (a) 0 (b) 1
(c) 2 (d) More than 2

Ans: (b)

18. If the cost of 5 bars of soap is Rs.82.50, then the cost of one dozen such bars is

- (a) Rs.208 (b) Rs.192
(c) Rs.198 (d) Rs. 204

Ans: (c)

19. The greatest ratio among the ratios 2 : 3, 5 : 8, 75 : 121 and 40 : 25 is

- (a) 2 : 3 (b) 5 : 8
(c) 75 : 121 (d) 40 : 25

Ans: (d)

20. The ratio of the number of sides of a square to the number of edges of a cube is

- (a) 1 : 2 (b) 3 : 2
(c) 4 : 1 (d) 1 : 3

Ans: (d)

21. The expression obtained when x is multiplied by 2 and then subtracted from 3 is

- (a) $2x - 3$ (b) $2x + 3$
(c) $3 - 2x$ (d) $3x - 2$

Ans: (c)

22. Which of the following is the area of the rectangle of length 10 cm and breadth 6 cm?

- (a) 40 cm^2 (b) 32 cm^2
(c) 50 cm^2 (d) 60 cm^2

Ans: (d)

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23. Which of the following is the decimal form of "Two ones & Five – tenth"?

- (a) 0.2 (b) 0.25
(c) 2.5 (d) 25.0

Ans: (c)

24. Where does the vertex of an angle lie?

- (a) in its interior
(b) in its exterior
(c) on the angle
(d) None of these

Ans: (c)

25. One side of a regular pentagon is 5 cm. Its perimeter is

- (a) 10 cm (b) 25 cm
(c) 15 cm (d) 50 cm

Ans: (b)

Reasoning (25 Marks)

26. Which of the following set of letters will complete the given letter series? WFB, TGD, QHG, ?

- (a) NU (b) NIK
(c) NJK (d) PJK

Ans: (b)

27. In a joint family, there are father, mother, 4 married sons and three unmarried daughters. Of the sons, two have 2 daughters each, and two have a son and a daughter each. How many female members are there in the family?

- (a) 15 (b) 12
(c) 14 (d) 11

Ans: (c)

28. In a certain code, TELEPHONE is written as ENOHPELET. How is ALI GATOR written in that code?

- (a) ROTAGILA (b) ROTAGAIL
(c) ROTAGILE (d) ROTEGILA

Ans: (a)

29. If English alphabets are written in reverse order, what will be seventh letter on the right of the 12th letter from the left end?

- (a) F (b) G

(c) H

(d) S

Ans: (c)

30. Find the missing character, if a certain rule is followed in the figure.



(a) 190

(b) 221

(c) 236

(d) 255

Ans: (d)

31. If husband is called wife, wife is called grandfather, grandfather is called grandmother, grandmother is called maternal grandmother, maternal grandmother is called maternal grandfather, maternal grandfather is called maternal uncle and maternal uncle is called maternal aunt, then what will the father of the mother be called?

(a) Maternal grandmother

(b) Maternal uncle

(c) Maternal grandfather

(d) Maternal aunt

Ans: (b)

32. In a class of 35 students, Kunal is placed seventh from the bottom whereas Sonali is placed ninth from the top. Pulkit is placed exactly in between the two. What is Kunal's position from Pulkit?

(a) 9

(b) 10

(c) 11

(d) 13

Ans: (b)

33. A, B, C, D, E, F and G are sitting in a row facing North.

(i) F is to the immediate left of G.

(ii) E is 4th to the right of G.

(iii) C is the neighbour of B and D.

(iv) Person who is third to the left of D is at one of the ends.

Who are the neighbours of B?

(a) C and D

(b) C and G

(c) G and F

(d) C and E

Ans: (d)

34. Pia walks a distance of 4 metres towards South. Then she turns to the left and walks 3 metres. After this she turns to the right and walks 4 metres. In which direction is she facing now?

(a) North-East

(b) South

(c) North

(d) South-West

Ans: (b)

35. If '+' denotes '-', '-' denotes ' \times ', ' \times ' denotes ' \div ', and ' \div ' denotes '+', then $15 \times 3 + 10 \times 5 \div 5 = ?$

(a) 5

(b) 22

(c) 48

(d) 52

Ans: (c)

36. Rohit walked 25 metres towards South. Then he turned to his left and walked 20 metres. He then turned to his left and walked 25 metres. He again turned to his right and walked 15 metres. At what distance is he from the starting point and in which direction?

(a) 35 metres East

(b) 35 metres North

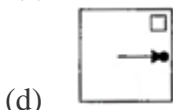
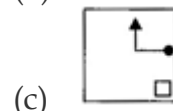
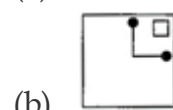
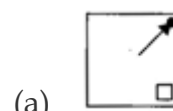
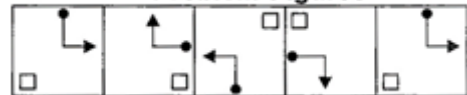
(c) 40 metres East

(d) 60 metres East

Ans: (a)

37. Select a figure from the options which will continue the same series as established by the Problem Figures.

Problem Figures



Ans: (c)

38. Look at this series: 3, 4, 7, 8, 11, 12, ...

What number should come next?

- (a) 7 (b) 10
(c) 14 (d) 15

Ans: (d)

39. Fill the blank in the middle of the series or end of the series. "ELFA, GLHA, ILJA, _____, MLNA"

- (a) OLPA (b) KLMA
(c) LLMA (d) KLLA

Ans: (d)

40. In the series 2, 6, 18, 54, what will be the 8th term ?

- (a) 4370 (b) 4374
(c) 7443 (d) 7434

Ans: (b)

41. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series. "1, 1, 4, 8, 9, 27, 16, ?"

- (a) 32 (b) 64
(c) 81 (d) 256

Ans: (b)

42. Introducing Sonia, Aamir says, "She is the wife of only nephew of only brother of my mother." How Sonia is related to Aamir?

- (a) wife (b) Sister
(c) Sister - in - law (d) Data is inadequate

Ans: (a)

43. K is 40 m South-West of L. If M is 40 m South-East of L, then M is in which direction of K?

- (a) East (b) West
(c) North-East (d) South

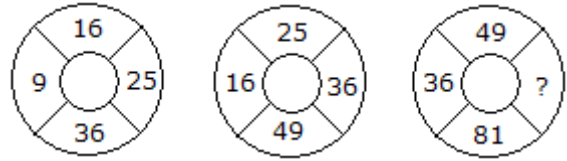
Ans: (a)

44. Reena walked from A to B in the East 10 feet. Then she turned to the right and walked 3 feet. Again she turned to the right and walked 14 feet. How far is she from A?

- (a) 4 feet (b) 5 feet
(c) 24 feet (d) 27 feet

Ans: (b)

45. Which one will replace the question mark ?



- (a) 64 (b) 144
(c) 169 (d) 25

Ans: (a)

46. Which one will replace the question mark ?

3	15	4
7	38	5
3	?	5

- (a) 15 (b) 19
(c) 20 (d) 18

Ans: (d)

47. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

- (a) 1 (b) 2
(c) 3 (d) 4
(d) 5

Ans: (b)

48. Choose the alternative which is closely resembles the water-image of the given combination.

A1M3b

(1) V1W3P

(2) V1W3P

(3) V1W3P

(4) V1W3P

- (a) 1 (b) 2
(c) 3 (d) 4

Ans: (c)

49. Pointing to Varman, Madhav said, "I am the only son of one of the sons of his father." How is Varman related to Madhav?

- (a) Nephew (b) Uncle
(c) Father or uncle (d) Father

Ans: (c)

50. Fill the blank in the middle of the series or end of the series "CMM, EOO, GQQ, _____, KUU"

- (a) GRR (b) GSS
(c) ISS (d) ITT

Ans: (c)

English (25 Marks)

51. Fill in the blank to make the sentence meaningfully complete **"Fate smiles those who untiringly grapple with stark realities of life."**

- (a) with (b) over
(c) on (d) round

Ans: (c)

52. Fill in the blank to make the sentence meaningfully complete **"The miser gazed at the pile of gold coins in front of him."**

- (a) avidly (b) admiringly
(c) thoughtfully (d) earnestly

Ans: (a)

53. Fill in the blank to make the sentence meaningfully complete **"Catching the earlier train will give us the to do some shopping."**

- (a) chance (b) luck
(c) possibility (d) occasion

Ans: (a)

54. Fill in the blank to make the sentence meaningfully complete **"I saw a of cows in the field."**

- (a) group (b) herd
(c) swarm (d) flock

Ans: (b)

55. Fill in the blank to make the sentence meaningfully complete **"The grapes are now enough to be picked."**

- (a) ready (b) mature
(c) ripe (d) advanced

Ans: (c)

56. Fill in the blank to make the sentence meaningfully complete **"Success in this examination depends hard work alone."**

- (a) at (b) over
(c) for (d) on

Ans: (d)

57. Fill in the blanks with correct form: "Rukmani _____ three paintings last year. (make)"

- (a) has made (b) makes
(c) will make (d) made

Ans: (d)

58. Fill in the blanks with correct form: "My uncle _____ me a pen on my birthday. (give)"

- (a) has given (b) gave
(c) will gave (d) none of these

Ans: (b)

59. Choose the correct sentence: **"Why do you tell a lie?"**

- (a) Why a lie told by you?
(b) Why is a lie be told by you?
(c) Why is a lie told by you?
(d) Why is a lite being told you?

Ans: (c)

60. **Choose the correct sentence:** "I take exercise daily."

- (a) Exercise are taken daily by me.
(b) Exercise is taken daily by me.
(c) Exercise is being taken daily by me.
(d) Exercise is been taken daily by me.

Ans: (b)

61. Choose the correct sentence "He says, **"They will hurt you"**.

- (a) He said to me that they will hurt me.
(b) He said to me that he would be hurt me.
(c) He said to me that they would hurt me.
(d) He said to me that they would hurt you.

Ans: (c)

62. Choose the correct sentence **"My father said to me, "You must work hard"**.

- (a) My father said to me that I must work hard.
(b) My father said to me that you must work hard.

(c) My father said to me that you have to work hard.

(d) My father said to me that I had to work hard.

Ans: (d)

63. **Choose the correct sentence** "She said, "My parents are going to Karachi".

(a) She said that my parents going to Karachi.

(b) She said that my parents gone to Karachi.

(c) She said that her parents were going to Karachi.

(d) She said that her parents are going to Karachi.

Ans: (c)

64. Choose the word which is the exact **OPPOSITE** of the given words "**ANNOY**"

(a) Praise (b) Rejoice

(c) Please (d) Reward

Ans: (c)

65. Choose the word which is the exact **OPPOSITE** of the given words "**REPEL**"

(a) Attend (b) Concentrate

(c) Continue (d) Attract

Ans: (d)

66. Choose the word which best expresses the meaning of the given word "**LAUD**"

(a) Lord (b) Eulogy

(c) Praise (d) Extolled

Ans: (c)

67. Choose the word which best expresses the meaning of the given word "**TURN UP**"

(a) Land up (b) Show up

(c) Crop up (d) Come up

Ans: (b)

68. Choose the **antonyms** of the given word: **ORIGIN**

(a) Ointment (b) Detergent

(c) Remnant (d) Comfort

Ans: (c)

69. Choose the **antonyms** of the given word: **PROVE**

(a) Vapid (b) Assume

(c) Disincline

(d) Atone

Ans: (b)

70. Choose the correct meaning of proverb/idiom "**To beg the question**".

(a) To refer to

(b) To take for granted

(c) To raise objections

(d) To be discussed

Ans: (b)

71. Choose the correct meaning of proverb/idiom "**A black sheep**."

(a) An unlucky person

(b) A lucky person

(c) An ugly person

(d) None of these

Ans: (d)

72. Choose the one which can be substituted for the given word/sentence "**One who sacrifices his life for a cause**"

(a) Patriot

(b) Martyr

(c) Revolutionary

(d) Soldier

Ans: (b)

73. Choose the one which can be substituted for the given word/sentence "Detailed plan of journey"

(a) Travelogue

(b) Travelkit

(c) Schedule

(d) Itinerary

Ans: (d)

74. Choose the one which best expresses the given sentence in Indirect/Direct speech. "**She said that her brother was getting married.**"

(a) She said, "Her brother is getting married."

(b) She told, "Her brother is getting married."

(c) She said, "My brother is getting married."

(d) She said, "My brother was getting married."

Ans: (c)

75. Choose the one which best expresses the given sentence in Indirect/Direct

speech. "She said to him, "Why don't you go today?"

- (a) She asked him why he did not go that day.
- (b) She said to him why he don't go that day.
- (c) She asked him not to go that day.
- (d) She asked him why he did not go today.

Ans: (a)

General Knowledge (25 Marks)

76. Which of the following is not an ingredient of idli?

- (a) Water
- (b) Rice
- (c) Urad dal
- (d) Oil

Ans: (d)

77. Body Building foods that are necessary for growth and repair of the body are

- (a) Fats
- (b) Proteins
- (c) Carbohydrates
- (d) Glucose

Ans: (b)

78. Separation of seeds from cotton bolls is known as

- (a) Weaving
- (b) Knitting
- (c) Ginning
- (d) Spinning

Ans: (c)

79. Which of the following does not belong to the group?

- (a) Window pane
- (b) Cellophane sheet
- (c) Mirror
- (d) Air

Ans: (d)

80. Sedimentation is followed by which process?

- (a) Decantation
- (b) Evaporation
- (c) Filtration
- (d) None of these

Ans: (a)

81. Which of the following changes cannot be reversed?

- (a) Hardening of cement
- (b) Freezing of ice cream
- (c) Opening a door
- (d) Melting of chocolate

Ans: (a)

82. Which part of the plant is associated with movement towards light?

- (a) Stem
- (b) Root
- (c) Leaf
- (d) All

Ans: (a)

83. Snail moves with the help of its

- (a) Shell
- (b) Bone
- (c) Muscular foot
- (d) Whole body

Ans: (c)

84. Which of the following is an amphibian?

- (a) Man
- (b) Dove
- (c) Fish
- (d) Frog

Ans: (d)

85. Curved length can be measured by

- (a) Metre scale
- (b) Cubit
- (c) Measuring tape
- (d) All of these

Ans: (c)

86. Which crop was first grown to the North of the Vindhya?

- (a) Wheat
- (b) Rubber
- (c) Sugarcane
- (d) Rice

Ans: (d)

87. Which metals were used to make ornaments?

- (a) Gold
- (b) Silver
- (c) Both (a) and (b)
- (d) None of these

Ans: (c)

88. Which of these is the oldest Veda?

- (a) Rigveda
- (b) Samveda
- (c) Yajurveda
- (d) Atharvaveda

Ans: (a)

89. Hastinapur and Atrajikhera are situated in

- (a) Bihar
- (b) Maharashtra
- (c) Rajasthan
- (d) Uttar Pradesh

Ans: (d)

90. Buddha has referred to our actions as

- (a) Viharas
- (b) Tanha
- (c) Karma
- (d) Vyavhara

Ans: (c)

91. Which was a gateway to the North – West?

- (a) Pataliputra
- (b) Ujjain
- (c) Taxila
- (d) Rupnath

Ans: (c)

92. The use of iron began in the subcontinent around?

- (a) 2000 years ago
- (b) 3000 years ago
- (c) 4000 years ago
- (d) 5000 years ago

Ans: (b)

93. Great Qing was a pilgrim from

- (a) Rome
- (b) Greece
- (c) China
- (d) Somalia

Ans: (c)

94. Nagaram was an organisation of

- (a) Middlemen
- (b) Merchants
- (c) Revolutionaries
- (d) Kings

Ans: (b)

95. The Puranas were written in

- (a) Hindi
- (b) Telugu
- (c) Prakrit
- (d) Sanskrit

Ans: (d)

96. Polar Star tells the

- (a) Western direction
- (b) Eastern direction
- (c) Southern direction
- (d) Northern direction

Ans: (d)

97. Area which receives the maximum heat is called:

- (a) Frigid Zone
- (b) Temperate zone
- (c) Torrid zone
- (d) Heated zone

Ans: (c)

98. On 21st June, the Northern Hemisphere is tilted towards the

- (a) Earth
- (b) Sun
- (c) Moon
- (d) Sky

Ans: (b)

99. Green colour is used to show

- (a) Planets
- (b) Places

- (c) Water bodies
- (d) Trees and grass

Ans: (d)

100. Which ocean is named after a country?

- (a) Indian Ocean
- (b) Atlantic Ocean
- (c) Arctic Ocean
- (d) Pacific Ocean

Ans: (a)

