

**Mathematics (25 Marks)**

1. The product of a fractional number and its multiplicative inverse is \_\_\_\_\_.

- (a) 0 (b) 1  
(c) Number itself (d) None of these

Ans: (b)

2. Denominator of a fraction is 2 greater than its numerator if the sum of numerator and denominator of the fraction is 16 then find the fraction.

- (a)  $\frac{5}{7}$  (b)  $\frac{7}{9}$   
(c)  $\frac{3}{13}$  (d)  $\frac{4}{13}$

Ans: (b)

3. 5 books together weight  $3\frac{4}{7}$  kg. The weight of each book is

- (a)  $3\frac{4}{5}$  kg (b)  $1\frac{2}{5}$  kg  
(c)  $\frac{5}{7}$  kg (d)  $\frac{25}{7}$  kg

Ans: (c)

4. Find the greatest 5 – digit number divisible by 14

- (a) 99,989 (b) 99,888  
(c) 99,988 (d) 10,000

Ans: (c)

5. Find the smallest number which when divided by 35 and 70 leaves a remainder 12 in each case

- (a) 72 (b) 75  
(c) 82 (d) 85

Ans: (c)

6. 147 can be written in Roman number as

- (a) CXLVII (b) LXXV  
(c) CXXIX (d) XXXII

Ans: (a)

7. By what number should 5.3 be multiplied so that the product is 0.53?

- (a) 0.01 (b) 0.1  
(c) 1.1 (d) .11

Ans: (b)

8. If 21 cows eat as much as 15 oxen. How many cows will eat as much as 25 oxen?

- (a) 40 (b) 20  
(c) 15 (d) 35

Ans: (d)

9. Out of 800 students in a school. 30% are girls. Find the number of girls in the school.

- (a) 400 (b) 230  
(c) 240 (d) 420

Ans: (c)

10. A drum contained 250 litres of oil 5% oil was lost due to leakage. How many litres of the oil is still in the drum?

- (a) 237.50 (b) 238  
(c) 238.50 (d) 240

Ans: (a)

11. One kg of butter was brought for Rs.40 and sold for Rs.50. Find profit percent:

- (a) 10% (b) 5%  
(c) 25% (d) 12.5%

Ans: (c)

12. A General wishing to draw his 16160 soldiers in the form of a solid square, found that he had 31 soldiers left. Find the number of soldiers in the front line

- (a) 127 (b) 133  
(c) 160 (d) 172

Ans: (d)

13. Perimeter of a rectangular field is 1280 m. The ratio between its sides is 3 : 2. Find its length

- (a) 384 m (b) 300 m  
(c) 424 m (d) 484 m

Ans: (a)

14. 33 cows can graze a field in 12 days. How many cows will graze the same field in 9 days?

- (a) 25 cows (b) 44 cows  
(c) 45 cows (d) 55 cows

Ans: (b)

15. The speed of a train is 90 kmph.

What is the distance covered by it in 10 minutes?

- (a) 15 kmph (b) 12 kmph  
(c) 10 kmph (d) 5 kmph

Ans: (a)

16. In one hour, a boat goes 11 km along the stream and 5 km against it. Find the speed of the boat in still water.

- (a) 6 (b) 7  
(c) 8 (d) 9

Ans: (c)

17. Pick out the complementary angle of  $45^\circ$  from the list of the given angles

- (a)  $90^\circ$  (b)  $75^\circ$   
(c)  $135^\circ$  (d)  $45^\circ$

Ans: (d)

18. Place value of the 6 in the number 45602 is

- (a) 60 (b) 6  
(c) 600 (d) 6000

Ans: (c)

19. Find the greatest number which divides 18 and 30 completely

- (a) 9 (b) 6  
(c) 3 (d) 12

Ans: (b)

20. Which is exactly divisible by 3?

- (a) 5,550 (b) 3,134  
(c) 4,621 (d) 4,624

Ans: (a)

21. Simplify:  $81 \times 24 + 19 \times 24 - 2400$

- (a) 24 (b) 0  
(c) 100 (d) 2,400

Ans: (b)

22. How many times 13 should be added to get 91?

- (a) 6 (b) 7  
(c) 5 (d) 8

Ans: (b)

23. Find the smallest number which when divided by 35 and 70 leaves a remainder 12 in each case

- (a) 72 (b) 75  
(c) 82 (d) 85

Ans: (c)

24. Find (5% of Rs.200 + 10% of Rs.100)

- (a) Rs.15 (b) Rs.20  
(c) Rs.35 (d) Rs.25

Ans: (b)

25. Find the least number which must be added to 96 to make it a perfect square

- (a) 3 (b) 5  
(c) 9 (d) 4

Ans: (d)

### Reasoning (25 Marks)

26. Look at the series, 46, 44, 40, 38, 34, \_\_, which number should come next?

- (a) 30 (b) 36  
(c) 32 (d) 31

Ans: (c)

27. Which letter should come next in the series, Q, J, E, B, \_?

- (a) A (b) Z  
(c) C (d) X

Ans: (b)

28. Which number would fill the empty space in the series; 4, 7, 12, 19, \_\_, 39?

- (a) 28 (b) 26  
(c) 24 (d) 22

Ans: (a)

29. Geeta walks 20 m towards north then she walks 12 m towards the South. Now, she walks 6 m towards east. How far and in which direction is she from the starting point?

- (a) 10 m North-East  
(b) 10 m North  
(c) 6 m East  
(d) 6 m South-West

Ans: (a)

30. Manoj is the brother of Deepak. Rekha is the sister of Seema. Deepak is the son of Rekha. How is Manoj related to Rekha?

- (a) Nephew (b) Son  
(c) Brother (d) None of these

Ans: (b)

31. Which number would replace the underline mark in the series 20, 40, 100,   , 820?

- (a) 240 (b) 260  
(c) 280 (d) 300

Ans: (c)

32. Which letter should come next in the series F, G, H, J, K, L, M, N, P,   ?

- (a) Q (b) R  
(c) T (d) O

Ans: (a)

33. P and Q are the married couple. X and Y are sisters. X is the sister of P. How is Y related to Q?

- (a) Sister (b) Cousin  
(c) Sister-in-law  
(d) Daughter-in-law

Ans: (c)

34. Find the missing pair in the series, EQ, FS, HW, KA,   , TL.

- (a) OF (b) OB  
(c) AL (d) AM

Ans: (a)

35. Mumbai: Maharashtra::? : Rajasthan

- (a) Bhopal (b) Jaipur  
(c) Chandigarh (d) Chennai

Ans: (b)

36. Mohan is facing north-east. He turns 90 degrees in the anticlockwise direction then he turns 135 degrees in the clockwise direction. Which direction is Mohan facing now?

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

Ans: (a)

37. What are the missing numbers in this series, 15, 20, 24, 15, 28, 32, 15,   ,   , 15?

- (a) 37, 41 (b) 36, 40  
(c) 38, 42 (d) 40, 44

Ans: (b)

38. Pacific: Ocean :: Greenland : ?

- (a) Island (b) Forest  
(c) River (d) Finland

Ans: (a)

39. If North-East becomes North and North-West becomes the West. What will the East become?

- (a) north-east (b) north-west  
(c) south-east (d) south-west

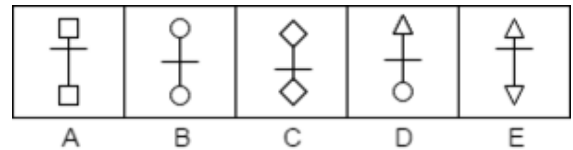
Ans: (a)

40. If HOT is coded as GNS, How is COLD coded?

- (a) BNKC (b) DPME  
(c) EQNF (d) FROG

Ans: (a)

41. Which of the following figures is different from others?







- (a) A (b) B  
(c) C (d) D  
(e) E

Ans: (d)

42.

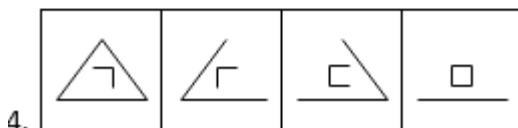
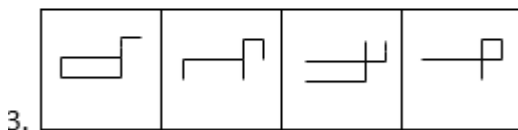
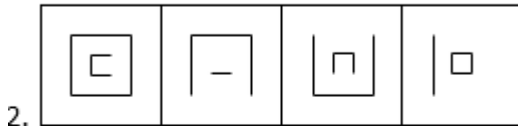
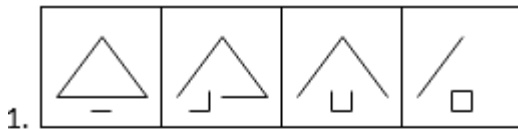


- (a)   
(b)   
(c)   
(d) 

Ans: (a)

43. Which of the following series of figures follows the given rule?

**Rule:** Closed figure becomes more and more open, and the open figure becomes more and more closed.

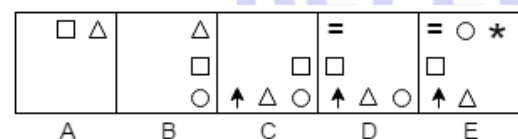


- (a) 1 (b) 2  
(c) 3 (d) 4

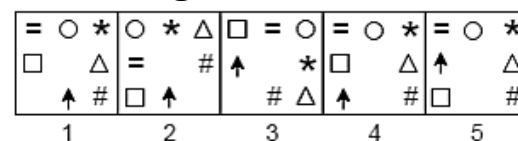
Ans: (a)

44. Which answer figure will continue the same series as established by the problem figures?

**Problem Figures:**



**Answer Figures:**



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

Ans: (d)

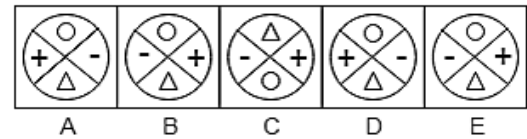
45. In a certain code, TREE is written as UQFD. How is LEAF written in that code?

- (a) MFBG (b) KDZE  
(c) MDBE (d) MBZE

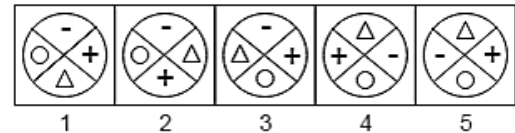
Ans: (c)

46. Which answer figure will continue the same series as established by the problem figures?

**Problem figures:**



**Answer Figures:**



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

Ans: (e)

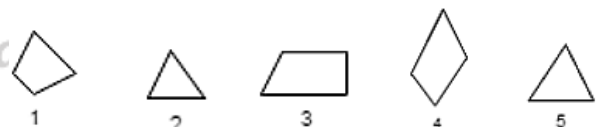
47. Select three figures out of the following five figures which when fitted into each other would form a triangle.



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

Ans: (b)

48. Select three figures out of the following five figures which when fitted into each other would form a triangle.



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

Ans: (a)

49. Joke: Laughter

- (a) Story: Mystery  
(b) Horror: Fear  
(c) Eyes: Tears  
(d) Actor: Acting

Ans: (b)

50. Careful is to careless as honest is to

- (a) Honesty (b) Clever  
(c) Truthful (d) Corrupt

Ans: (d)

**English (25 Marks)**

51. Fill in the blanks with correct articles: “\_\_\_\_\_ Nile is an African river.”

- (a) A (b) An  
(c) The (d) None of these

Ans: (c)

52. Fill in the blanks with correct options: “Can \_\_\_\_\_ help me with this heavy bag?”

- (a) somebody (b) Something  
(c) anything (d) everything

Ans: (a)

53. Fill in the blanks with correct options: “The greatest invention of the 20<sup>th</sup> century is \_\_\_\_\_ computer.”

- (a) an (b) the  
(c) a (d) None of these

Ans: (d)

54. Choose the correct sentence: He said, “I shall come in a few minutes.”

- (a) He said he will come in a few minutes.  
(b) He said that he would come in a few minutes.  
(c) He said I will come in a few minutes.  
(d) I will come he said in a few minutes

Ans: (b)

55. Choose the correct sentence: He said: “It is raining heavily.”

- (a) He said it is raining.  
(b) It is raining he said.  
(c) He said that it was raining heavily.  
(d) He said that it rained.

Ans: (c)

56. Form a meaningful sentence from given jumbled words: “Twice/day/brush/teeth/a/your”

- (a) Brush your teeth twice a day.  
(b) Twice a day your teeth brush.  
(c) A day twice brush teeth your.  
(d) Your teeth twice a day brush.

Ans: (a)

57. Form a meaningful sentence from given jumbled words: “Sky/in/are/blue/birds/flying.”

- (a) Sky blue in birds are flying.  
(b) Flying sky in blue are birds.  
(c) Birds are flying in blue sky.  
(d) None of these

Ans: (c)

58. Form a meaningful sentence from given jumbled words: “A/story/I/be/narrating/will tomorrow”

- (a) I story will be a narrating tomorrow.  
(b) I will be narrating a story  
(c) A story will be narrating I tomorrow.  
(d) Will tomorrow be a story I narrating.

Ans: (b)

59. Find synonyms of **BLISS**.

- (a) Sadness (b) Happiness  
(c) Monotonous (d) Anguish

Ans: (b)

60. Find Antonyms of **WISDOM**.

- (a) Goodness (b) Silly  
(c) Foolishness (d) Stupid

Ans: (c)

61. Find Antonyms of **SERENITY**.

- (a) Haste (b) Sincere  
(c) Bustle (d) Stop

Ans: (c)

62. Read the sentences carefully and identify their kinds: “People spend a lot of money during the festive season.”

- (a) Assertive (b) Interrogative  
(c) Imperative (d) Exclamatory

Ans: (a)

63. Find Antonyms of **TRUST**.

- (a) Cheat (b) Doubt  
(c) Soft (d) Honest

Ans: (a)

64. Find Antonyms of **Offend**.

- (a) Attack (b) Peace  
(c) Defend (d) War

Ans: (c)

65. Find Antonyms of **Cheap**.

- (a) Expensive (b) Profit  
(c) Admit (d) Gain



Ans: (a)

66. Find Antonyms of **Lenient**.

- (a) Hard (b) Cruel  
(c) Strict (d) Stupid

Ans: (c)

67. Choose the one which can be substituted for the given words/sentences **"A soldier who fights for the sake of money"**

- (a) Patriot (b) Terrorist  
(c) Mercenary (d) Captain

Ans: (c)

68. Choose the one which can be substituted for the given words/sentences: **"Animals which feed on herbs."**

- (a) Carnivorous (b) Vegetarian  
(c) Cannibal (d) Herbivorous

Ans: (d)

69. Choose the one which can be substituted for the given words/sentences: **"An enclosure for keeping birds"**

- (a) Apiary (b) Aviary  
(c) Zoo (d) Aquarium

Ans: (b)

70. Fill in the blanks with correct options: **"\_\_\_\_\_ one of the villagers had to vacate his house."**

- (a) Each (b) All  
(c) Every (d) Any

Ans: (c)

71. Fill in the blanks with correct options: **"He is \_\_\_\_\_ serious about his health."**

- (a) most (b) mostly  
(c) lately (d) Hard

Ans: (b)

72. Fill in the blanks with correct options: **"No sooner \_\_\_\_\_ than the police handcuffed him."**

- (a) he came (b) did he come  
(c) did he come (d) had he come

Ans: (c)

73. Fill in the blanks with correct options: **"The dog has been \_\_\_\_\_ by the car."**

- (a) run into (b) run out  
(c) run for (d) run over

Ans: (d)

74. Fill in the blanks with correct options: **"Is there \_\_\_\_\_ money in your pocket."**

- (a) much (b) more  
(c) any (d) no

Ans: (c)

75. Choose the one which can be substituted for the given phrase/sentence **"A person who knows the laws and pleads the cases in a court"**

- (a) Lawyer (b) Judge  
(c) Inspector (d) Client

Ans: (a)

### General Knowledge (25 Marks)

76. Indus valley civilization is a/an

- (a) Rural civilization  
(b) Urban civilization  
(c) Nomadic civilization  
(d) None of these

Ans: (b)

77. Pygmies and Batus are tribes living in the forests of

- (a) Indonesia (b) Cuba  
(c) Belzium (d) Congo

Ans: (d)

78. The nomadic people Bedouins live in

- (a) Jordan (b) Saudi Arabia  
(c) Congo (d) Sudan

Ans: (b)

79. Nepanagar famous for manufacturing News-print in India is in

- (a) Odisha (b) Gujarat  
(c) Madhya Pradesh (d) Kerala

Ans: (c)

80. The script for the blinds was invented by

- (a) Gutenberg (b) Scolt  
(c) Braille (d) None of these

Ans: (c)

81. European currency which came into circulation in 1999 is

- (a) Pound (b) Dollar  
(c) Euro (d) None of these

Ans: (c)

82. Who wrote 'Geetanjali'?

- (a) RN Tagore  
(b) Maithili Sharan Gupta  
(c) Ram Dhari Singh Dinkar  
(d) Tulsi Das

Ans: (a)

83. A piece of land surrounded by water

- (a) Delta (b) Island  
(c) Gulf (d) Strait

Ans: (b)

84. When Earth is nearest to the Sun in its orbit, it is said to be in

- (a) Equinox (b) Perihelion  
(c) Aphelion (d) Solistice

Ans: (b)

85. Birthday of Jawahar Lal Nehru is celebrated on

- (a) 5 September (b) 14 November  
(c) 2 October (d) 10 January

Ans: (b)

86. Phool Walon ki Sair, a three day festival is celebrated by

- (a) Hindus (b) Muslims  
(c) both (a) and (b) (d) Sikhs

Ans: (c)

87. Salarjung Museum is situated in

- (a) Ahmedabad (b) Mumbai  
(c) Bhubaneswar (d) Hyderabad

Ans: (d)

88. Which is South Indian oldest Dravidian language?

- (a) Kannad (b) Tamil  
(c) Malyalam (d) None of these

Ans: (b)

89. Which is not a component of digestive system of the human body?

- (a) Pancreas (b) Lungs  
(c) Gall Bladder (d) Heart

Ans: (d)

90. Which of the following is the most expensive spice?

- (a) Pepper (b) Fenugreek  
(c) Saffron (d) Asafetida

Ans: (c)

91. Who among the following is called the 'Napolean of India'?

- (a) Ashok  
(b) Prithvi Raj Chauhan  
(c) Samudra Gupta  
(d) Chandra Gupta Maurya

Ans: (c)

92. Chilka Lake is a lagoon in

- (a) Karnataka (b) Odisha  
(c) Gujarat (d) Tamil Nadu

Ans: (b)

93. On the banks of which river was the ancient city of Harappa located?

- (a) Jhelum (b) Chenab  
(c) Sutlej (d) Ravi

Ans: (d)

94. Who invented Homeopathy?

- (a) Samuel Johnson  
(b) Dr. K.D Yoke  
(c) Samuel Hahnemann  
(d) None of these

Ans: (c)

95. Which of the following cricketers is nick named as "Little Master"?

- (a) MS Dhoni  
(b) Sunil Gavaskar  
(c) Sachin Tendulkar  
(d) Rahul Dravid

Ans: (b)

96. Who wrote "My country, My Life"?

- (a) Satyajit Ray (b) LK Advani  
(c) David Beckham (d) RK Narayan

Ans: (b)

97. According to the Census 2011 the most densely populated state in India is

- (a) Uttar Pradesh (b) Kerala  
(c) Bihar (d) Pondicherry

Ans: (c)

98. The first post office in India was established in

(a) Kolkata

(b) Mumbai

(c) Delhi

(d) Chennai

Ans: (a)

99. Which city is known as 'City of Temples'?

(a) Haridwar

(b) Ujjain

(c) Varanasi

(d) Allahabad

Ans: (c)

100. Which river is called 'Sorrow of Bengal'?

(a) Krishna

(b) Kaveri

(c) Narmada

(d) Damodar

Ans: (d)

