

MATH TALENT HUNT EXAMINATION - 2023

Organized by : The Pi (π) Group of Mathematics (TPGM)

Class - I

F. M. - 100

Time - 2 Hours

Instructions :

1. There are 50 questions of marks 2 each
2. Put tick (✓) mark on the correct alternative against each question in your answer sheet.
3. There is no negative marking.

1. Which of the following is the smallest number ?

- a) 89 b) 77 c) 98 d) 85

2. Which of the following is smaller than 15 ?

- a) 19 b) 16 c) 14 d) 17

3. The value of $5 + 6 + 7$ is -

- a) 13 b) 14 c) 15 d) 18

4. Write the smallest number that comes just before 20 -

- a) 22 b) 21 c) 19 d) 18

5. 11 is ----- less than 12

- a) 2 b) 13 c) 1 d) 10

6. Which of the following shows $5 - 1$?

- a) /// b) //// c) // d) /////

7. How many objects are there altogether ?



- a) 13 b) 15 c) 16 d) 14

8. Find out the missing number $\square + 5 = 17$

- a) 12 b) 9 c) 15 d) none of these

9. How many 10 rupee note make rupee 100 ?

- a) 8 b) 11 c) 10 d) none of these

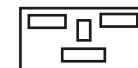
10. If weight of a ball is equal to 13 spoons, What will be the weight of two such balls ?

- a) 20 spoons b) 26 spoons c) 30 spoons d) none of these

11. How many days are there in 6 weeks ?

- a) 36 days b) 42 days c) 49 days d) none of these

12. How many rectangles are there in the given face ?



- a) 4 b) 5 c) 6 d) 3

13. How many days are in the month of February, 2003 ?

- a) 28 days b) 29 days c) 30 days d) none of these

14. If the cost of five toffees is Rs. 15, then how much does one need to buy ten toffees ?

- a) Rs. 15 b) Rs. 20 c) Rs. 30 d) Rs. 25

15. $\square$ means 3 units, then the pencil is ----- units long .



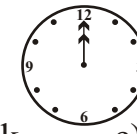
- a) 18 b) 20 c) 24 d) 21

16. Find the missing number. $\square - 20 = 30$

- a) 20 b) 30 c) 40 d) 50

17. What comes after 91 ?
a) 90 b) 92 c) 100 d) 89
18. Find the missing number ; $\square + 6 = 51$
a) 45 b) 46 c) 44 d) 50
19. Which of the following option is correct ?
a) $73 = 70 \text{ tens} + 3 \text{ units}$ b) $64 = 6 \text{ tens} + 40 \text{ units}$
c) $69 = 9 \text{ tens} + 6 \text{ units}$ d) $81 = 8 \text{ tens} + 1 \text{ unit}$
20. In a Zoo there are 30 monkeys, 5 elephants, 50 deers. How many animals are there in the zoo ?
a) 75 b) 80 c) 85 d) 90
21. Answer to which of the following sum is greater than 70 ?
a) $52 + 20$ b) $40 + 25$ c) $50 + 9$ d) $12 + 40$
22. Which of the following options has the smallest value ?
a) $(30 + 7)$ b) $(30 + 0)$ c) $(30 + 9)$ d) $(40 + 1)$
23. Which subtraction problem has the same answer as $(88 - 12)$?
a) $(96 - 22)$ b) $(86 - 10)$ c) $(100 - 32)$ d) $(99 - 20)$
24. What is descending order of 67, 76, 50, 56 ?
a) 67, 76, 50, 56 b) 76, 67, 56, 50 c) 67, 76, 50, 56 d) 50, 56, 67, 76
25. The number name for numeral 508 is
a) Fifty hundred eight b) Five hundred eight
c) Fifty-eight d) None of these
26. Fill in the missing number : $8 + 2 + 8 = 10 + ?$
a) 8 b) 2 c) 18 d) 4
27. If income of your father of one month is Rs. 15000 and expenditure of that month is Rs. 9000, his savings is
a) Rs. 10,000 b) Rs. 12,000 c) Rs. 8,000 d) Rs. 6,000
28. Teacher asked you to write 305, but you wrote 350. How much did you write more or less ?
a) 45 more b) 45 less c) 50 ore d) 50 less
29. If 24 meter long bamboo is divided into three equal parts, then find the length of each equal part ?
a) 8m. b) 6m. c) 4m. d) none of these
30. How many faces the following figure has ? 
a) 4 b) 2 c) 3 d) 6
31. How many days are there in a 'Leap Year' ?
a) 365 days b) 364 days c) 366 days d) none of these
32. Complete the pattern by writing number.
39, 45, 51, -----, 63
33. A cylinder has ----- flat faces 
34. Which of the following currency note is not in use ?
a) 50 b) 100 c) 200 d) 1000

35. The time in the clock shown is



- a) 3 o'clock b) 12 o'clock c) 6 o'clock d) 9 o'clock
36. If  is to , then  is to
a)  b)  c)  d) none of these
37. How many squares are there in  ?
a) 8 b) 9 c) 10 d) 11
38. Momtaj has 12 frocks. She donated 6 frocks for children affected by flood. How many frocks are left with Momtaj ?
a) 4 b) 6 c) 8 d) none of these
39. Ram has Rs. 55 and Shyam has Rs. 85. How much more money does Shyam have ?
a) Rs. 20 b) Rs. 30 c) Rs. 40 d) Rs. 50
40. There are 20 plates. Each plate has 3 laddus. How many laddus were there in all ?
a) 40 b) 55 c) 60 d) 45
41. Which of the following gives the same answer as $(50 - 35)$?
a) $(40 - 10)$ b) $(90 - 70)$ c) $(50 - 40)$ d) $(75 - 60)$
42. Sum of ages of father and son is 39 years. But son's age is 6 years. Then What is father's age ?
a) 40 years b) 33 years c) 30 years d) None of these
43. A shopkeeper bought 2 dozen 6 eggs. How many eggs did he buy ?
a) 24 b) 28 c) 30 d) 32
44. There were 19 children building a sand castle. Out of 19, 7 left to play beach volley ball. How many children were left building the sand castle ?
a) 12 b) 9 c) 13 d) None of these
45. How much time does the long hand of a clock take to complete its three round ?
a) 60 minutes b) 180 minutes c) 120 minutes d) none of these
46. Find the value of $(1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10)$
a) 45 b) 50 c) 52 d) 55
47. A rectangle has -
a) two corners b) one corner c) four corner d) none of these
48. 24 kites were flying in the sky. 12 kites fell down. How many kites were left flying in the sky ?
a) 24 b) 18 c) 15 d) 12
49. The multiplication fact for $6 + 6 + 6 + 6$ is
a) $6 \times 6 = 36$ b) $6 \times 4 = 24$ c) $6 \times 5 = 30$ d) $6 \times 7 = 42$
50. The number 48 has ----- tens.
a) 4 b) 8 c) 48 d) 40