



MATHEMATICS TALENT HUNT 2024

Organized by : The Pi Group of Mathematics(TPGM), Cooch Behar

Registration No. – S0031696 of 2022-23

Class – I

Full Mark : 100

Time : 1 Hr 30 mins.

Instructions to the Candidates

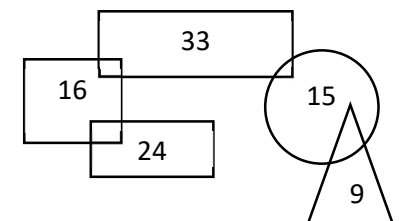
- Candidates must write their Name, Class, Roll No. allotted for the exam and Name of their School correctly in the specific places of the answer sheet.
- There are 50 questions of 2 marks each. Four possible options of answer are given for each question.
- Candidates should choose the correct option and completely darken the circle with that option written in it in the answer sheet (OMR). For example, say the correct option for Question Number 10 is (c), then the candidate should darken the circle completely with 'c' written in it against the number 10 of the answer sheet. Use black ball pen or pencil for darkening.
- There is no negative marking.

41. Find the next number. 5, 10, 15, 20, _____
(a) 30 (b) 25 (c) 35 (d) 40
42. Which number is to be added with 15 to get 20?
(a) 15 (b) 10 (c) 5 (d) 20
43. Which number is subtracted from 40 to get 10 ?
(a) 20 (b) 10 (c) 40 (d) 30
44. What is the missing number? $7 + \square = 12$
(a) 10 (b) 5 (c) 6 (d) 8
45. _____ days make a year.
(a) 12 (b) 30 (c) 7 (d) 365
46. How many 50 paise are there in a rupee?
(a) 2 (b) 1 (c) 4 (d) 3
47. 1 year = _____ month.
(a) 10 (b) 7 (c) 12 (d) 30
48. Find the missing numbers. $\square - 10 = 40$
(a) 60 (b) 50 (c) 40 (d) 30
49. What comes before 71?
(a) 73 (b) 69 (c) 72 (d) 70
50. Find the missing number. $37 + 85 = \square + 37$
(a) 58 (b) 85 (c) 37 (d) 73

*All the best *

1. Which of the following currency note is not in use?
(a) Rs. 200 (b) Rs. 1000 (c) Rs. 50 (d) Rs. 100
2. Fill in the missing number - $6+4+7 = 10 + ?$
(a) 6 (b) 4 (c) 7 (d) 10
3. What comes after 97 ?
(a) 96 (b) 97 (c) 98 (d) 99
4. Find the missing number- $\square - 40 = 20$
(a) 50 (b) 60 (c) 70 (d) 80
5. How many days are there in 4 weeks?
(a) 42 days (b) 28 days (c) 21 days (d) 35 days
6. What comes in between? $\square$ 78 $\square$ 80
(a) 77 (b) 79 (c) 76 (d) 81
7. Identify the number- "I am greater than 4 but smaller than 10"
(a) 3 (b) 7 (c) 2 (d) 1
8. Which day comes just before Thursday?
(a) Monday (b) Sunday (c) Wednesday (d) Friday

9. Find the sum of the numbers given in the rectangles, circle and triangle.
(a) 81 (b) 67 (c) 79 (d) 87



10. Replace P and Q with appropriate signs respectively -

$$8 \square P 7 = 9 \square Q 6$$

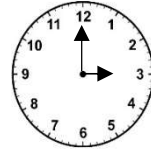
- (a) $- , -$ (b) $- , +$ (c) $+ , +$ (d) $+ , -$

11. The next number in the following pattern is – (14), (16), (18), (20), (?)

- (a) 19 (b) 22 (c) 21 (d) 17

12. The time in the clock shown is -

- (a) 12 O'clock (b) 3 O'clock
(c) 6 O'clock (d) 9 O'clock

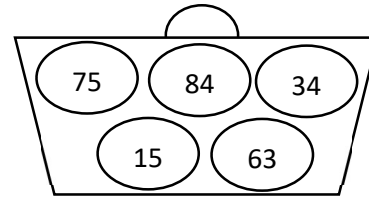


13. Which of the following is the smallest?

- (a) $\begin{array}{r} 42 \\ + 10 \\ \hline \end{array}$ (b) $\begin{array}{r} 45 \\ + 13 \\ \hline \end{array}$ (c) $\begin{array}{r} 31 \\ + 17 \\ \hline \end{array}$ (d) $\begin{array}{r} 34 \\ + 23 \\ \hline \end{array}$

14. The sum of the greatest and smallest number in the basket is –

- (a) 75 (b) 99
(c) 98 (d) 87



15. Puja bought 5 mugs. Her sister Priya bought 5 more mugs than Puja. Priya bought _____ mugs.

- (a) 16 (b) 10 (c) 8 (d) 5

16. The number 64 has _____ tens.

- (a) 4 (b) 6 (c) 8 (d) 5

17. Which of the following is an example of cylinder-shaped thing?

- (a) pencil box (b) birthday cap (c) balloon (d) water bottle

18. Football is an example of which of the following shape?

- (a) Round (b) Oval (c) Circular (d) Rectangular

19. What is the descending order of 51, 15, 25, 75.

- (a) 15, 25, 51, 75 (b) 25, 15, 75, 51 (c) 75, 51, 25, 15 (d) 75, 25, 51, 15

20. Sum of the ages of father and son is 42 years. But father's age is 35 years. Then what is son's age?

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

21. How much time does the long hand of a clock take to complete its one round?

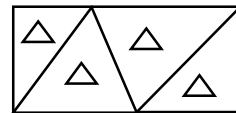
- (a) 120 minutes (b) 60 minutes (c) 45 minutes (d) none of these

22. A shopkeeper bought 2 dozen eggs. How many eggs did he buy?

- (a) 12 (b) 13 (c) 24 (d) 15

23. How many triangles are there in the given figure?

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



24. Ram has ₹ 85 and Shyam has ₹ 95. How much more money does Shyam have?

- (a) ₹ 10 (b) ₹ 20 (c) ₹ 15 (d) ₹ 25

25. 85 is just after -

- (a) 80 (b) 84 (c) 83 (d) 86

26. Find the value of X and Y respectively.

- (a) 2, 8 (b) 8, 1
(c) 1, 8 (d) 3, 2

$$\begin{array}{r} 68 \\ + 2 \boxed{X} \\ \hline \boxed{Y} 9 \end{array}$$

27. 85, 63, 58, 36, 38 – Write the smallest number.

- (a) 63 (b) 36 (c) 38 (d) 58

28. Arrange the numbers in ascending order - 77, 17, 7, 70

- (a) 77, 70, 17, 7 (b) 70, 17, 77, 7 (c) 7, 17, 70, 77 (d) None of these

29. Put the correct symbol in the place holder.

$$12 \boxed{} 21$$

- (a) > (b) < (c) = (d) None of these

30. Write the numbers in short form.

$$2 \text{ tens} + 6 \text{ ones} = \boxed{}$$

- (a) 26 (b) 62 (c) 27 (d) all

31. Write the correct number in the place holder. $\boxed{}$ is between 81 and 83.

- (a) 84 (b) 82 (c) 85 (d) 80

32. Write the number: Forty nine

- (a) 39 (b) 59 (c) 49 (d) 94

33. Write the number in the place holder: $15 - 7 = \boxed{}$

- (a) 5 (b) 10 (c) 9 (d) 8

34. Write the number after adding: $9 + 9 = \boxed{}$

- (a) 18 (b) 19 (c) 12 (d) None

35. Write the number: 10 and 8 more makes

- (a) 12 (b) 18 (c) 15 (d) 17

36. Fill in the box: $0 + 5 = \boxed{}$

- (a) 5 (b) 50 (c) 05 (d) All

37. Fill in the box: $8 - 8 = \boxed{}$

- (a) 0 (b) 10 (c) 8 (d) None

38. There are 6 cups in one tray and 3 cups in another tray. How many cups are there all together?

- (a) 10 (b) 8 (c) 9 (d) 5

39. Add the numbers and write the result

$$\begin{array}{r} 91 \\ + 7 \\ \hline \end{array}$$

- (a) 98 (b) 88
(c) 89 (d) 87

40. In a class, there are 42 students. If 24 are girls, how many are boys?

- (a) 66 (b) 10 (c) 26 (d) 18