



MATHEMATICS TALENT HUNT 2023

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

Registration No. – S0031696 of 2022-23

Class – IV

Full Mark : 100

Time : 2 Hours.

Instructions

1. There are 50 question of 2 marks each.
2. Put tick mark ($\sqrt{}$) only on the correct alternative against each question in your answer sheet.
3. There is no negative marking.

41. I went for a journey with ₹ 32700. On first day I spend ₹ 12350, on the second day I spend ₹ 5980 and on the third day ₹ 10798. How much money do I have now?

- (a) ₹ 3500 (b) ₹ 3672 (c) ₹ 3572 (d) ₹ 4672

42. 00 – 01 : First minute of the day :: _____ : Last minute of the day

- (a) 12-59 (b) 23-59 (c) 24-00 (d) 24-59

43. The Das family is going to see a movie at 5-50 pm. It is 11-20 am right now. How do they have to wait to see the movie?

- (a) 5 hrs 20 min (b) 6 hrs (c) 6 hrs 20 mins (d) 6 hrs 30 mins

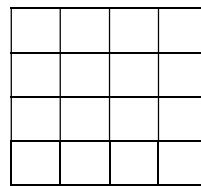
44. How many days are there from 21st March to 17th April ?

- (a) 27 days (b) 28 days (c) 29 days (d) 30 days

45. 90° : Right angle :: 360° : _____ . (a) Reflex Angle (b) Whole Angle (c) Straight Angle
(d) Acute Angle

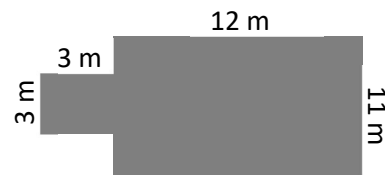
46. How many square are there in the picture?

- (a) 23 (b) 24
(c) 26 (d) 30



47. Find the area of the figure

- (a) $141 m^2$
(b) $150 m^2$
(c) $132 m^2$
(d) $145 m^2$



48. Find the odd pair of numbers.

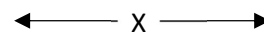
- (a) 18 – 45 (b) 16 – 40 (c) 14 – 28 (d) 8 – 20

49. Find the odd one out.

- (a) $\frac{14}{N}$ (b) $\frac{18}{R}$ (c) $\frac{27}{U}$ (d) $\frac{8}{H}$

50. Choose odd one from the followings :

- (a) Ray (b) Radius (c) Diameter (d) Chord

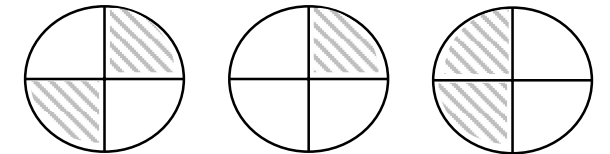


1. Find the sum of 3.209, 0.0025 and 32.009.

- (a) 32.2205 (b) 35.2205 (c) 32.2025 (d) 35.2025

2. What fraction is the shaded part ?

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



3. Pick out the odd one.

- (a) $\frac{4}{7}$ (b) $\frac{5}{7}$ (c) $\frac{30}{35}$ (d) $\frac{40}{50}$

4. The face value of 0 in 540732 is - (a) 0 (b) 10 (c) 100 (d) 1000

5. Anamika spent $\frac{1}{5}$ of her pocket money on buying books, $\frac{1}{4}$ on buying gifts and saved the rest. If she saved Rs. 275 then how much was her pocket money?

- (a) Rs. 400 (b) Rs. 500 (c) Rs. 600 (d) Rs. 700

6. $5 \times 5 \times 25 \times 25 = 125 \times$ _____. (a) 5 (b) 25 (c) 125 (d) 625

7. If 20 years ago Gobinda was half as old as he is today, how old was he 10 years ago?

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

8. Reverse of 199 is 991 and that of 234 is 432. Find the reverse of 252.

- (a) 225 (b) 252 (c) 522 (d) 552

9. Find out the next term of the given number series : 10, 20, 37, 61, 92, ____.

- (a) 130 (b) 135 (c) 140 (d) 145

10. What is the number obtained on rounding off the difference of 6887 and the product of 27 and 368 to the nearest 10?

- (a) 3000 (b) 3050 (c) 3100 (d) 4000

11. ABC is a triangle. If $\angle ABC = 64^\circ$, and $\angle BAC = 26^\circ$ then $\angle CAB$ is an –

- (a) acute angle (b) obtuse angle (c) right angle (d) all of these

12. Lata walks toward east. After travelling some distance, she takes a left turn and again travels some distance. She again turns to left. In which direction does she facing now?

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

13. Find out the prime number. (a) 51 (b) 52 (c) 53 (d) 54

14. $13 : 91 :: 131 : \underline{\hspace{2cm}}$. Fill in the blank.

- (a) 931 (b) 943 (c) 917 (d) 933

15. Find out the number, which has 10 hundreds, 15 tens and 25 ones.

- (a) 1175 (b) 1150 (c) 1125 (d) 1100

16. If Jaya takes 25 minutes to walk from home to school, then at what time will she leave home to reach at school at 8-15 am?

- (a) 7:00 am (b) 7:10 am (c) 7:50 am (d) 8:10 am

17. Which one of the following is the 13th multiple of 13 ?

- (a) 111 (b) 333 (c) 161 (d) 169

18. What is the smallest 5 digit number formed by using 3, 1, 9, 7 and 4 ?

- (a) 13479 (b) 13749 (c) 14379 (d) 17349

19. Arrange as per sequence in ascending order X, I, M, C.

- (a) X, I, M, C (b) I, M, X, C (c) I, M, C, X (d) I, X, C, M

20. Find the product of the place values of two 3's in the number 703123.

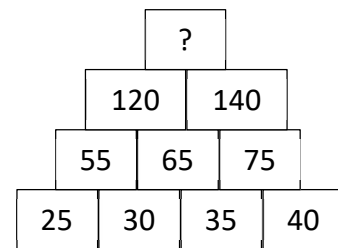
- (a) 900 (b) 9000 (c) 90000 (d) 900000

21. Look at problem given here - $\square = \Delta + 7$. If $\Delta = 11$, then what is $\square$?

- (a) 11 (b) 18 (c) 25 (d) 7

22. In the given figure, find the blank –

- (a) 250 (b) 260
(c) 270 (d) 280

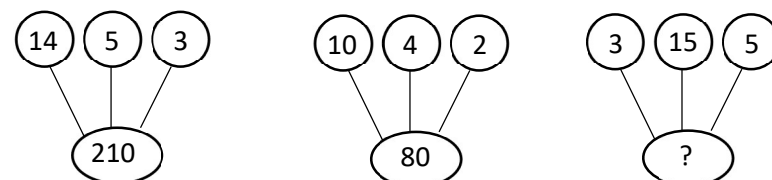


23. Which of the following is not equal to 84×47 ?

- (a) $80 \times 47 + 4 \times 47$ (b) $82 \times 47 + 2 \times 47$ (c) $84 \times 4 \times 7$ (d) $84 \times 40 + 84 \times 7$

24. Insert the missing number –

- (a) 300 (b) 200
(c) 205 (d) 225

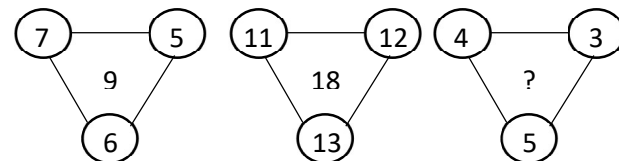


25. There are 2337 students in a school. Each student contributes Rs. 47 for a society welfare programme. How much money do the students contributed together?

- (a) 108839 (b) 109839 (c) 109389 (d) 103989

26. Which number will replace the question mark?

- (a) 6 (b) 7
(c) 10 (d) 12



27. When 'A' is divided by 15, the quotient is 212 and the remainder is 13. Find the value of 'A'.

- (a) 9133 (b) 3193 (c) 1393 (d) 3913

28. From the given list, find how many of the numbers are multiple of 20.

- (a) 0 (b) 1
(c) 2 (d) 3

12	25	40	36	80	100	110	150
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29. Tuli has 12 orange juice cans and 45 mango juice cans. She wants to distribute them among children equally so that no juice can is left. What will be the greatest number of children among whom Tuli can distribute the juice cans?

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

30. I am multiple of 23, I am an odd number and have three digits. I am also a multiple of 7. Who am I ?

- (a) 483 (b) 621 (c) 735 (d) 887

31. If $A = \frac{3}{10} + \frac{7}{15}$ and $B = \frac{5}{9} + \frac{7}{12}$ then - (a) $A = B$ (b) $A > B$ (c) $A < B$ (d) none of these

32. Fill in the box : $\frac{999}{1000} \square 0.175$. (a) $>$ (b) $<$ (c) $=$ (d) none of these

33. If $15 + 2.094 + 3.62 = P$, then $P + 2.05 = ?$ (a) 22.764 (b) 21.456 (c) 28.635
(d) 22.358

34. I have 1 unit and 7 tenths. Write this number in decimal.

- (a) 17 (b) 1.7 (c) 7.1 (d) 0.17

35. A jar can hold 4 L 250 ml of milk. How much milk is needed to fill up 4 jars?

- (a) 16 L (b) 17 L 250 ml (c) 16 L 250 ml (d) 17 L

36. Ananya bought 56 kg 500 gm of rice from one shop and 48 kg 750 gm of rice from another. How much rice did she buy?

- (a) 105 kg 150 gm (b) 105 kg 250 gm (c) 250 kg 105 gm (d) 1052500 gm

37. A movie tickets for 4 person costs ₹ 1000. What will be the cost of tickets for 25 persons?

- (a) ₹ 3250 (b) ₹ 4250 (c) ₹ 5250 (d) ₹ 6250

38. Which of the following is true for ₹ 205.30 ?

- (a) 205 rupees and 3 paises (b) 2053 rupees (c) 205 rupees and 30 paises (d) 25 rupees and 30 paises

39. Anita has ₹ 235 more money than Arnab. If Arnab has ₹ 200 then, how much money they have together?

- (a) ₹ 435 (b) ₹ 635 (c) ₹ 835 (d) ₹ 1035

40. Ramjiban buys a piggy bank. He has 52 one rupee coin, 26 fifty paisa coin and 32 twenty five paisa coin. How much money does he have?

- (a) ₹ 73 (b) ₹ 74 (c) ₹ 68 (d) ₹ 80