

MATH TALENT HUNT EXAMINATION – 2020
Organised by : The Pi (π) Group of Mathematics (TPGM)

Class – I(ONE)
F.M – 100

Time – 2 Hour

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. There are 6 units and 9 'tens' in _____
(a) 69 (b) 96 (c) 99 (d) 66
2. What comes after 87?
(a) 88 (b) 99 (c) 86 (d) 89
3. 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
4. Which of the following options has the smallest value?
(a) (20+8) (b) (20+7) (c) (66+2) (d) (60+6)
5. Which of the following options has the greatest value?
(a) (50+0) (b) (50+10) (c) (50+9) (d) (58+0)
6. Find the missing number: $\boxed{?} + 7 = 15$
(a) 6 (b) 7 (c) 8 (d) 9
7. Answer to which of the following sums is greater than 67 ?
(a) (53+20) (b) (40+24) (c) (50+9) (d) (12+20)
8. Answer to which of the following sums is less than 47 ?
(a) (20+30) (b) (20+28) (c) (40+9) (d) (20+15)
9. Shawn has 46 buttons. He buys 7 more buttons. How many total buttons does he have?
(a) 48 (b) 43 (c) 52 (d) 53
10. In a zoo, there are 10 monkeys, 5 elephants and 30 deers. How many animals are there in the zoo?
(a) 15 (b) 35 (c) 45 (d) 40
11. Which of the following option is correct?
(a) $73 = 70 \text{ tens} + 3 \text{ units}$ (b) $64 = 6 \text{ tens} + 40 \text{ units}$
(c) $59 = 9 \text{ tens} + 5 \text{ units}$ (d) $82 = 8 \text{ tens} + 2 \text{ units}$
12. Which subtraction problem has the same answer as $(88-12)$?
(a) $(96-22)$ (b) $(86-10)$ (c) $(100-32)$ (d) $(99-20)$

13. Which of the following is incorrect?

- (a) $(23-1) = 23$ (b) $(86-22) = 64$ (c) $(77-15) = 62$ (d) $(99-12) = 87$

14. Which of the following is correct?

- (a) $(22-1) = 22$ (b) $(86-22) = 67$ (c) $(77-15) = 63$ (d) $(97-10) = 87$

15. There were 12 children building a sand castle. Out of 12, 7 left to play beach volley ball. How many children were left building the sand castle ?

- (a) 4 (b) 5 (c) 6 (d) 7

16. How many days are there in a 'Leap Year' ?

- (a) 365 days (b) 364 days (c) 366 days (d) None of these

17. Find the value of $(1+2+3+4+5+6+7+8+9+10)$.

- (a) 45 (b) 50 (c) 52 (d) 55

18. A shopkeeper bought 2 dozen and 4 eggs. How many eggs did he buy?

- (a) 24 (b) 28 (c) 30 (d) 32

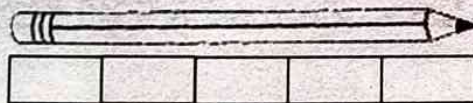
19. How many pieces will you get when 'a rope' is cut into 5 times ?

- (a) 5 (b) 6 (c) 4 (d) 2

20. Sum of ages of Father and son is 45 years. But son's age is 6 years. Then what is father's age?

- (a) 40 years (b) 41 years (c) 39 years (d) 38 years

21. If means 2 units, then the pencil is _____ unit long.



- (a) 10 (b) 11 (c) 12 (d) 14

22. If weight of a ball is equal to 15 spoons, what will be the weight of two such balls?

- (a) 20 spoons. (b) 25 spoons (c) 30 spoons (d) 35 spoons

23. Mary has to buy a walking stick for her grandfather. Her grandfather told her that the stick should be 32 c.m. shorter than his height. If his height is 122 c.m. what should be the height of the stick?

- (a) 90 c.m (b) 80 c.m (c) 102 c.m (d) 92 c.m

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

- (a) 60 minutes (b) 1 hour (c) 180 minutes (d) 120 minutes

25. How many days are there in 4 weeks?
 (a) 7 (b) 14 (c) 21 (d) 28
26. The day after tomorrow will be _____, if today is Sunday.
 (a) Monday (b) Tuesday (c) Wednesday (d) Thursday
27. If there are 7 days in a week, then how many weeks are there in 63 days?
 (a) 7 (b) 9 (c) 6 (d) 3
28. Which month comes just after 10th month of the year?
 (a) July (b) August (c) November (d) December
29. In a year there is a month which has neither 30 days nor 31, the month is _____.
 (a) January (b) February (c) March (d) October
30. If day before yesterday was Wednesday, then the day after tomorrow will be _____.
 (a) Thursday (b) Friday (c) Saturday (d) Sunday
31. How many 5- rupee note make Rs.50?
 (a) 10 (b) 8 (c) 5 (d) 6
32. If the cost of three toffees is Rs.6, then how much does one need to buy 6 toffees?
 (a) Rs.10 (b) Rs.11 (c) Rs.12 (d) Rs.14
33. If cost of a teddy bear Rs.50 and one ice-cream is Rs.10, then how much do you have to pay to buy two teddy bears and two ice-creams?
 (a) Rs.100 (b) Rs.120 (c) Rs.130 (d) Rs.140
34. How many Circles are there in the given face?
 (a) 1 (b) 2
 (c) 3 (d) 4



35. How many days are there in the month of February, 2020?
 (a) 28 days (b) 29 days (c) 30days (d) 31 days
36. If 18 metre long bamboo is divided into three equal parts, then find the length of each equal part.
 (a) 8m (b) 6m (c) 4m (d) 2m
37. Teacher asked you to write 205, but you wrote 250. How much did you write more or less?
 (a) 45 more (b) 50 more (c) 45 less (d) 50 less

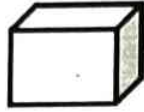
38. Multiplication of two numbers is 88 and one number is 11, then find the other number.

- (a) 11 (b) 8 (c) 6 (d) 12

39. If income of your father of one month is Rs. 9000 and expenditure of that month is Rs. 6500, his savings is _____.

- (a) Rs.3000 (b) Rs.4000 (c) Rs.2500 (d) Rs.250

40. How many faces does the following figure has?



- (a) 4 (b) 5 (c) 6 (d) 7

41. What is the name of the figure given below?



- (a) Cube (b) Cylinder (c) Square (d) Sphere

42. Which of the following options give the answer between 65 and 70?

- (a) $(53+20)$ (b) $(40+24)$ (c) $(60+9)$ (d) $(62+20)$

43. Akash has 46 buttons. His mother asks him to return 7 buttons to the shopkeeper. How many buttons does he have now?

- (a) 40 (b) 53 (c) 52 (d) 39

44. Which of the following set of numbers come before and after 58?

- (a) 56,57 (b) 57,59 (c) 55,56 (d) 58,59

45. If there are 30 days in the month of September, then how many days are there between September 10th and September 30th.

- (a) 16 days (b) 17 days (c) 18 days (d) 19 days

46. Find the missing number. $\square - 10 = 23$

- (a) 43 (b) 33 (c) 23 (d) None of these

47. If Rs.1 = 100 paise, find Rs.10 = _____ paise.

- (a) 500 paise (b) 700 paise (c) 1000 paise (d) None of these

48. What is ascending order of 25,19,33,12 ?

- (a) 33,25,19,12 (b) 12,19,25,33 (c) 25,19,33,12 (d) None of these

49. If 1 hour = 60 minutes, find $2\frac{1}{2}$ hours = _____ minutes?

- (a) 120 minutes (b) 140 minutes (c) 150 minutes (d) 180 minutes

50. If 1 year = 365 days, find 3 years = _____ days.

- (a) 365 days (b) 730 days (c) 1460 days (d) 1095 days