

APTITUDE QUIZ

- 1. The product of two numbers is 9375 and the quotient, when the larger one is divided by the smaller, is 15. The sum of the numbers is :**
- A. 100
 - B. 200
 - C. 300
 - D. 400
- 2. In a two-digit number, if it is known that its unit's digit exceeds its ten's digit by 2 and that the product of the given number and the sum of its digits is equal to 144, then the number is :**
- A. 12
 - B. 24
 - C. 36
 - D. 48
- 3. A number consists of 3 digits whose sum is 10. The middle digit is equal to the sum of the other two and the number will be increased by 99 if its digits are reversed. The number is :**
- A. 253
 - B. 263
 - C. 273
 - D. 283
- 4. If 50 is subtracted from two-third of a number, the result is equal to sum of 40 and one-fourth of that number. What is the number?**
- A. 156
 - B. 179

- C. 198
- D. 216

5. The total weight of a tin and the cookies it contains is 2 pounds. After $\frac{3}{4}$ of the cookies are eaten, the tin and the remaining cookies weigh 0.8 pounds. What is the weight of the empty tin in pounds?

- A. 0.2
- B. 0.3
- C. 0.4
- D. 0.5

6. What approximate value will come in place of the question mark(?) in the below question?

$$(47\% \text{ of } 1442 - 36\% \text{ of } 1412) + 63 = ?$$

- A. 4
- B. 5
- C. 3
- D. 6

7. Half the people on a bus get off at each stop after the first, and no one gets on after the first stop. If only one person gets off at stop number 7, how many people got on at the first stop?

- A. 128
- B. 64
- C. 32
- D. 16

8. The sum of the digits of a two-digit number is 9 less than the number. Which of the following digits is at unit's place of the number?

- A. 1
- B. 2
- C. 3
- D. Data Inadequate

9. Srinivas bought 10 cycles for Rs. 1,750 each. He sold 4 cycles for Rs 8,400, 3 for Rs 1900 each. At what price should he sell the remaining cycles so as to earn an average profit of Rs 320 per cycle?

- A. Rs. 1580
- B. Rs. 2200
- C. Rs. 1785
- D. Rs. 1950

10. There are four prime numbers written in ascending order of magnitude. The product of the first three is 385 and of the last three is 1001. Find the fourth number?

- A. 17
- B. 19
- C. 13
- D. 11

11. 96 is divided into two parts in such a way that seventh part of first and ninth part of second are equal. Find the smallest part?

- A. 42
- B. 54
- C. 46
- D. 58

12. Find the least number with which 16200 should be multiplied, to make it a perfect cube?

- A. 45
- B. 48
- C. 360
- D. 36

13. On dividing a number by 96, we get 271 as quotient and 0 as remainder. On dividing the same number by 95, what will be the remainder?

- A. 87
- B. 59
- C. 92
- D. 81

14. On multiplying a number by 7, the product is a number each of whose digits is 3. The smallest such number is?

- A. 476190476
- B. 48617
- C. 47619
- D. 4587962

15. The sum of the two digits of a number is 8. If the number is subtracted from the number obtained by reversing its digits, the result is 54. Find the number?

- A. 28
- B. 19
- C. 37
- D. 17

16. Total 100 members are writing exam. In that 48 members are writing first exam, 45 members are writing second exam and 38 members are writing third exam. 5 members are writing all the three exams. How many members are writing 2 exams?

- A. 26
- B. 23
- C. 27
- D. 21

17. Three numbers which are co-prime to each other are such that the product of the first two is 551 and that of the last two is 1073. The sum of the three numbers is:

- A. 83
- B. 89
- C. 85
- D. 79

18. In the following question a number series is given which has only one wrong number. You have to find out the wrong number?

7.5 47.5 87.5 157.5 247.5 357.5 487.5

- A. 47.5
- B. 87.5
- C. 247.5
- D. 357.5

19. A number is 2 more than thrice the second number and 4 times the smaller number is 5 more than the greater number. What is greater number?

- A. 7
- B. 23
- C. 9
- D. 21

20. 12 students of class IX took part in GK quiz. If the number of boys is 4 more than the number of girls. Find the number of boys and girls took part in the quiz?

- A. 7, 5
- B. 9, 3
- C. 8, 4
- D. 6, 6

ANSWERS

1. D
2. B
3. A
4. D
5. C
6. C
7. B
8. D
9. B
10. C
11. A
12. A
13. D
14. C
15. D
16. D
17. C
18. A
19. B
20. C