

Problems on Numbers – Test 2

1. If one-third of one-fourth of a number is 15, then three-tenth of that number is:

- A) 35 B) 36 C) 45 D) 54

2. Find the number, when 15 is subtracted from 7 times the number, the result is 10 more than twice of the number?

- A) 5 B) 15 C) 7.5 D) 4

3. What is the place value of 7 in the numeral 2734?

- A) 70 B) 7 C) 700 D) 7.00

4. Difference between a two-digit number and the number obtained by interchanging the two digits is 36, what is the difference between two numbers

- A) 2 B) 4 C) 8 D) 12

5. The difference between a number and its three- fifth is 50. What is the number?

- A) 75 B) 100 C) 125 D) None of these

6. Which of the following is an odd prime number?

- A) 1 B) 9 C) 3 D) 15

7. $53904 \div 16 \div 8 = ?$

- A) 485 B) 434 C) 456 D) none of these

8. If $3+4=21$, $5+2=35$, $4+2=24$ what is the value of $5+3$?

- A) 53 B) 48 C) 35 D) 40

9. A number when divided by 296 leaves 75 as remainder. When the same number is divided by 37, the remainder will be:

- A) 1 B) 3 C) 5 D) 2

10. What is the difference between the place value and face value of 3 in the numeral 1375?

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- A) 300 B) 3 C) 297 D) 303

11. What is the minimum number of square marbles required to tile a floor of length 5 metres 78 cm and width 3 metres 74 cm?

- A) 176 B) 187 C) 540 D) 748

12. $(2400/192) \times (2592/72) = ?$

- A) 450 B) 250 C) 348 D) 429

13. Of the three numbers, second is twice the first and is also thrice the third, if the average of the three numbers is 44. Find the largest number?

- A) 24 B) 72 C) 65 D) 55

14. Three-fourth of a number is 60 more than its one third. The number is :

- A) 84 B) 108 C) 144 D) None of these

15. Find a positive number which when increased by 17 is equal to 60 times the reciprocal of the number?

- A) 17 B) 15 C) 8 D) 3

16. Ratio between two numbers is 3: 4 and their sum is 420. Find the smaller number?

- A) 240 B) 180 C) 160 D) 140

17. When twice the original number is divided by the same divisor, the remainder is 11. What is the value of the divisor?

- A) 13 B) 59 C) 35 D) 37

18. The sum of all two digit numbers divisible by 5 is

- A) 945 B) 678 C) 439 D) 568

19. There are 20 people in a party. If every person shakes hand with every other person, what is the total number of handshakes?

- A) 180 B) 155 C) 145 D) 190

20. The five digit number 7500A8 is divisible by 4. How many values of A are possible?

- A) 0 B) 3 C) 5 D) 4

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21. The sum of two numbers is 40 and their difference is 4. The ratio of the numbers is :

- A) 11 : 9 B) 11 : 18 C) 21 : 19 D) 22 : 9

22. 64576 is divisible by 3 or not?

- A) 64576 is not divisible by 3 B) 64576 is divisible by 3
C) 64576 is not divisible by 3,4 D) None of these

23. Find a positive number which when increased by 17 is equal to 60 times the reciprocal of the number?

- A) 17 B) 15 C) 8 D) 3

24. Find the number which when multiplied by 15 is increased by 196

- A) 10 B) 12 C) 14 D) 16

25. In a meet, persons from five different places have assembled in Bangalore High School. From the five places the persons come to represent are 42,60,210,90 and 84. What is the minimum number of rooms that would be required to accommodate so that each room has the same number of occupants and occupants are all from the same places?

- A) 44 B) 62 C) 81 D) 96