Factors & Multiples – 2

1. Two numbers which have no other common factor except 1 are known as _____.

a)   Prime Numbers

b)   Co-prime Numbers

c)   Composite Numbers

d)   None of these

2. What is the only even prime number?

a)   0

b)   1

c)   2

d)   3

3. What is the smallest prime number?

a)   2

b)   3

c)   0

d)   1

4. Which are the co-prime numbers from the below given numbers?

a)   4 and 5

b)   2 and 6

c)   7 and 9

d)   Both A & C

5. Numbers which have only two factors are known as _____.

a)   Co-Prime number

b)   Composite Number

c)   Prime Number

d)   None of these

6. What is the smallest prime number greater than 40?

a)   39

b)   41

c)   42

d)   43

7. Which one is a prime number?

a)   105

b)   123

c)   121

d)   None of these

8. Which one is the composite number?

a)   129

b)   131

c)   101

d)   None of these

9. Smallest Composite number is equal to _____.

a)   1

b)   2

c)   3

d)   4

10. All even number are composite numbers. Mark True / False.

a)   True   b)   False

11. All prime numbers are odd. Mark True / False.

a)   True   b)   False

12. 456 is divisible by 4. Mark True / False.

a)   True   b)   False

13. What is the smallest 2-digit prime number?

a)   10   b)   13

c)   11   d)   19

14. The smallest 5-digit odd number using 6, 1, 1, 7, and 4 is equal to _____.

a)   174671   b)   11467

c)   11674   d)   12467

15. Find all the factors of 72.

a)   1, 2, 3, 4, 5, 6, 7, 8, 9, 12, 18, 24, 36 and 72

b)   1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36 and 72

c)   1, 2, 3, 4, 6, 8, 12, 18, 24, 36 and 72

d)   None of these

16. How many numbers between 50 and 100 are multiples 6?

a)   10   b)   9

c)   8   d)   7

17. 25 and 82 are coprime numbers. Mark True / False.

a)   True   b)   False

18. Write a pair of prime numbers whose sum is divisible by 2.

a)   2 and 3   b)   5 and 9

c)   3 and 5   d)   All of these

19. The difference between 4th multiple of 6 and 3rd multiple of 5.

a)   7   b)   9

c)   11   d)   13

20. Which number has more factors?

a)   36

b)   25

c)   50

d)   72