Set Worksheet – 1

1. The collection of all natural numbers less than 50 are not set. Mark True / False.

a)   True   b)   False

2. The collection of all months of a year is a set. Mark True / False.

a)   True   b)   False

3. The collection of beautiful places of India is a set. Mark True / False.

a)   True   b)   False

4. The collection good workers of a company is not a set. Mark True / False.

a)   True   b)   False

5. The collection of good cricket players of India is not a set. Mark True / False.

a)   True   b)   False

6. The collection of all points of a straight line is not a set. Mark True / False.

a)   True   b)   False

7. The collection of all days of a week is a set. Mark True / False.

a)   True   b)   False

8. Collection of all odd numbers less than 100 is not a set. Mark True / False.

a)   True   b)   False

9. Collection of all even numbers with in 40 to 100 is a set. Mark True / False.

a)   True   b)   False

10. Collection of all prime numbers greater than 20 and less than 50 is not a set. Mark True / False.

a)   True   b)   False

11. Member of a set is also known as element of that set. Mark True / False.

a)   True   b)   False

12. How to write 'a' belongs to set P.

a) $a \notin P$ b) $a \in P$

c)   a # P   d)   None of these

13. Q = {2, 4, 6, 8, 10}. 5 _____ Q

a)   5 ∉ Q

b)   5 ≠ Q

c)   5 ∈ Q

d)   None of these

14. The collection of prime numbers less than 15.

a)   P = {2, 3, 5, 7, 8, 11, 13}

b)   P = {2, 3, 5, 7, 11}

c)   P = {2, 3, 5, 7, 11, 13}

d)   P = {2, 3, 5, 7, 11, 13, 17}

15. A = {2, 4, 6, 8, 10, 12, 14}. 4, 6, 8 _____ A

a)   ∉

b)   ∈

c)   =

d)   None of these