

A.MCQ type (choose the best answer)

1. $A \cup A' = \dots\dots\dots$

- a) U
- b) U'
- c) B
- d) None of them

2.If $E=\{2,4,6,\dots\}$ and $O=\{1,3,5,\dots\}$ aresets

- a) Equal
- b) Equivalent
- c) Proper
- d) None of them

3. $(A')' = \dots\dots\dots$

B'
 U'

U
 A

4. If 2 sets A and B are given, then the set consisting of all the elements which are either in A or in B or in both is called

- A. Intersection of A and B
- B. union of A and B
- C. Complement of A
- D. Complement of B

5. If $U = \{1,2,3,4,5\}$ and $A = \{2,4\}$ then A' should be

- A. $\{2,4,5\}$
- B. $\{2,4\}$
- C. $\{1,2,3,4,5\}$
- D. $\{1,3,5\}$

6. The union of set A and B is denoted by

- A. $A + B$
- B. $A - B$
- C. $A \cap B$
- D. $A \cup B$

8. If $X = \{1, 2, 3, 4, 5\}$ and $Y = \{2, 4, 5, 6, 8\}$ then $Y - X$ equals to

- A. $\{4, 5\}$
- B. $\{1, 6\}$
- C. $\{6, 8\}$
- D. $\{1, 3\}$

9. Complement of a set B is denoted by

- A. B'

- B. B°
- C. $\{B\}$
- D. B^2