

(10B) 2) $5 \in B$ - False Because it is not the element of set B.

ii) $12 \in B$ - True

iii) $14 \in B$ - True

iv) $9 \in B$ - False because it is not the element of set B.

v) B is set of even numbers between 2 and 16. True

vi) 4, 6 and 10 are members of the set B. True

7) i) Set $\{4, 9, 6, 2\}$ and $\{6, 2, 4, 9\}$ are not same.
False

ii) Set $\{0, 1, 3, 9, 4\}$ and $\{4, 0, 1, 3, 9\}$ are same. True

iii) Set $\{5, 4\}$ and $\{5, 4, 4, 5\}$ are not the same. False

iv) Set $\{8, 3\}$ and $\{3, 3, 8\}$ are the same. True

v) Collection of vowels used in the word 'ALLAHBAD' forms a set. True

vi) If P is the set of letters in the word 'ROOP'; then $P = \{p, o, r\}$. True

vii) If M is the set of letters used in the word 'MUMBAI'; then $M = \{m, u, b, a, i\}$. True