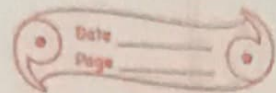


# Home Assignment

Ex-10(B)



If set  $B = \{4, 6, 8, 10, 12, 14\}$

2) i) ~~Salah~~  $5 \in B =$  salah

ii)  $12 \in B =$  Correct

iii)  $14 \in B =$  Correct

iv)  $9 \in B =$  salah

v)  $B$  is the set of even numbers between 12 & 16 - Correct

vi) 4, 6, and 10 are the members of the Set  $B$  - Correct

3) i) Sets  $\{4, 9, 6, 2\}$  and  $\{6, 2, 4, 9\}$  are not the same. False

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

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

iv) Sets  $\{8, 3\}$  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 ~~vowels~~ 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