

Ex-10-(E)

i)  $A = \{0, 1, 2, 4\}$   
 $n(A) = 4$

ii)  $B = \{-3, -1, 1, 3, 5, 7\}$   
 $= n(B) = 6$

iii)  $C = \{\}$   
 $= n(C) = 0$

iv)  $D = \{3, 2, 2, 1, 3, 1, 2\}$   
 $n(D) = 3$

v)  $E = \{\text{Natural numbers between 15 and 20}\}$   
 $= n(E) = 4$

vi)  $F = \{\text{Whole numbers from 8 to 14}\}$   
 $n(F) = 7$

2. i)  $n(A) = 9$

ii)  $n(B) = 4$

iii)  $n(C) = 4$

iv)  $n(D) = 0$

i) If  $A = \{0\}$ , then  $n(A) = 0$  False

ii)  $n(\emptyset) = 1$  False

iii) If  $T = \{a, l, a, h, b, d, h\}$ ; then  $n(T) = 5$  True

iv) If  $B = \{1, 5, 5, 1, 5, 1\}$  then  $n(B) = 6$  False