

## Ex - 10.5

1. (i)  $n(A) = 4$  (ii)  $n(B) = 6$  (iii)  $n(C) = 0$   
(iv)  $n(D) = 3$  (v)  $n(E) = 4$  (vi)  $n(F) = 7$

2. (i)  $n(A) = 9$  (ii)  $n(B) = 4$  (iii)  $n(C) = 4$  (iv)  $n(D) = 0$

3. (i) False

If  $A = \{0\}$ , then  $n(A) = 1$

(ii)  ~~$n(\emptyset) = \text{False}$~~

~~$n(\emptyset) = 0$~~

(iii) True

(iv) False

If  $B = \{1, 5, 51, 15, 5, 13\}$ , then  $n(B) = 4$