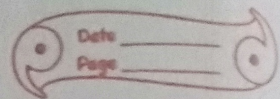


DT- 01-10-21

REVISION



Ex - 10 (D)

- 1) (i) Infinite
- (ii) finite
- (iii) Infinite
- (iv) Finite

- 2) (i) empty
- (ii) ~
- (iii) empty
- (iv) ~
- (v) empty

- 3) (i) equal set
- (ii) equivalent set
- (iii) equal set
- (iv) equivalent set

- 4) (i) Infinite
- (ii) Infinite
- (iii) Infinite
- (iv) Finite
- (v) Infinite
- (vi) Finite
- (vii) Finite
- (viii) Infinite
- (ix) Infinite
- (x) Infinite

Exc-10 (E)

2) a) i) $n(A) \rightarrow 9$

(ii) ~~relates~~ $n(B) \rightarrow 4$

(iii) ~~relates~~ $n(C) \rightarrow 4$

(iv) $n(D) \rightarrow 0$

3) i) $\text{false} \rightarrow n(A) = 1$

ii) $\text{false} \rightarrow n(B) = 0$

iii) true

iv) $\text{false} \rightarrow n(B) = 4$