1. i) Infinite
ii) finite
iii) Infinite
iv) finite

2. i) Empty
ii)
iii) Empty
iv) Empty
v)

3. i) Equal sets
ii) Equivalent sets
iii) Equal sets
iv) Equivalent sets

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

1. Cardinal number of set A = 4 i.e n(A) = 4

ii. " " " " B = 6 i.e n(B) = 6

iii) " " " " C = 0 i.e n(C) = 0

iv) " " " " D = 3 i.e n(D) = 3

v) " " " " E = 4 i.e n(E) = 4

vi) " " " " F = 7 i.e n(F) = 7

2. i) n(A) = 9

ii) n(B) = 4

iii) n(C) = 4

iv) n(D) = 0

3. i) False; n(A) = 1

ii) False; n(B) = 0

iii) True

iv) False; n(B) = 4