in ICSE are common.

vi) P = {Letters in the word 'ALLAHBAB'} and
Q = {Letters in the word 'MUSSOORIE'}
ans- Disjoint set because there is no common letters.

Ex - 10(E)

1) Write the cardinal number of each of the following sets:

i) A = {0, 1, 2, 4}
ans- n(A) = 4

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

iii) C = { }
ans- n(A) = 0

iv) D = {3, 2, 2, 1, 3, 1, 2}
ans- n(D) = 3

v) E = {Natural numbers between 15 and 20}
ans- n(E) = 4

vi) F = {whole numbers from 8 to 14}
ans n(F) = 7

2. Given : A = {Natural numbers less than 10}
B = {Letters of the word 'PUPPET'}
C = {Squares of the first four whole numbers}
D = {Odd numbers divisible by 2}

Find : i) n(A) = 9
ii) n(B) = 4
iii) n(C) = 4
iv) n(D) = 0

3. State true or false for each of the following. Correct wrong statements :

i) If A = {0}, then n(A) = 0 . False
So, the correct one is A = {0}, then n(A) = 1

ii) n(∅) = 1 . False
So, the correct one is n(∅) = 0

iii) If I = {a, b, ab, bc, ab}, then n(I) = 5 . True

iv) If B = {1, 5, 51, 15, 5, 1}, then n(B) = 6 . False
So, the correct one is B = {1, 5, 15, 51, 1} then n(B) = 4