

H.W.
19/11/22

Exercise - 10 (D)

Date ___ / ___ / ___

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

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

- 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

- 5. i) Not empty
- ii) empty
- iii) empty
- iv) Not empty
- v) Not empty
- vi) Not empty
- vii) Not empty

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vii) Not empty

6. i) Equivalent sets

ii) Equal sets

iii) Equal sets

iv) Equal sets

v) Equal sets

vi) Equivalent sets

7. i) Finite

ii) Infinite

iii) Finite

iv) Finite

v) Infinite

vi) Finite

8. i) False

ii) False

iii) True

iv) True

v) True

vi) False

vii) True

viii) False

9. i) ~~Disjoint~~ Disjoint sets; because no girl can be of age below 15 year and above also above 15 years

ii) Overlapping sets; as boys above 27 ~~are~~ years are also above 20 years.

iii) Overlapping sets; Natural number from

Date

51 to 59 are common in both side of sets.

- iv) Overlapping sets; students are common of class 11 studying in I.C.S.E Board.
- vi) Overlapping sets; because natural number of 24 is common to both the side.
- vii) Disjoint sets; because there is no common letter to both the set.