

i. $A = \{366\}$

ii. $B = \{12\}$

iii. $C = \{7\}$

iv. $D = \{P, A, N, I, T\} \{5\}$

v. $E = \{3\}$

vi. ~~G~~ $F = \{7\}$

vii. $G = \{5\}$

2. i. Infinite set x) finite set

ii. null set

iii. finite set

iv. infinite set

v. infinite set

vi. null set

vii. Infinite set

viii. Finite set

ix. null set

- 3. i. not disjoint
- ii. ~~set~~ disjoint
- iii. not disjoint set
- iv. not disjoint set
- v. not disjoint

- 4. i. equal equivalent
- ii. equivalent Equal
- iii. equivalent
- iv. equivalent
- v. none
- vi. Equal Equivalent
- vii. Equal
- viii. none equal
- ix. none

5. (ii), (iii) ~~is~~ empty set

6.) True (ii) False (iii) True (iv) False (v) False (vi) False

vii) False (viii) False (ix) True (x) False

7. \emptyset , $\{3\}$