

Ex-10(D)

① i) $\{A\}$. It is infinite set. $\{3, 5, 7, \dots\}$

ii) $\{1, 2, 3, 4\}$
As it is finite set.

iii) $\{A\}$ $\{\dots, -3, -2, -1, 0, 1, 2\}$
Infinite set.

iv) $\{20, 30, 40, 50, \dots, 200\}$
As finite set

② Which of the following sets is empty?

i) $\{A\}$. It is empty set.

ii) $\{A\}$ It is not an empty set.

iii) $\{A\}$. It is empty set.

iv) $\{A\}$ It is empty set.

v) $\{A\}$ It is an empty set.

③

i) $\{A\}$ Equal set

ii) $\{A\}$ Equivalent set

iii) $\{A\}$ Equal set

iv) Equivalent set

④ A₃ Infinite set

ii Infinite set

iii Infinite set

iv finite set

v Infinite set

vi finite set

vii finite set

viii Infinite set

ix Infinite set

x Infinite set

⑤ A₃ It is not empty set.

ii A₃ It is an empty set.

iii A₂ Empty set

iv A₁ Not empty set

v Not empty set

vi Empty set

vii Not empty set