

Exercise 10 (c)

i) $\{3, 6, 9, 12, 15\}$

ii) $\{-3, -2, -1, 0, 1, 2, 3\}$

iii) ~~$\{s\}$~~ $\{s, \text{chappi}\}$

iv) $\{11, 13, 15, 17, 19\}$

v) $\{a, e, i\}$

vi) $\{m, d, r, s\}$

vii) $\{2, 3, 5, 7, 11, 13, 17, 19\}$

viii) $\{1, 4, 9, 16\}$

ix) $\{2, 4, 6, 8\}$

x) $\{a, b, c, d, e, f, g, h\}$

xi) $\{\text{basket}\}$

xii) $\{\text{Jaipur, Jodhpur, Jalandhar, Jhansi}\}$

xiii) $\{\Delta, \circ, \square, \diamond\}$

xiv) $\{0, a\}$

xv) $\{0, 4, 9\}$

3. i) $\{x: x \text{ is an even counting number less than } 11\}$

ii) $\{x: x \text{ is a prime number } x < 12\}$

iii) $\{x: x \text{ is a month whose name starts with letter J}\}$

iv) $\{x: x \text{ is a vowel in English alphabet}\}$

v) $\{x: x \text{ is a day of the week whose name starts with letter J}\}$

vi) $\{x: x \text{ is a perfect square natural number upto } 25\}$
or $\{x: x = n^2, n \in \mathbb{N}, n \leq 6\}$

vii) $\{x: x \text{ is a natural number upto } 30 \text{ and divisible by } 5\}$

4. i) $\{1, 2, 3, 4, 6, 8, 12, 24\}$; $\{x: x \text{ is a natural number which divides } 24 \text{ completely}\}$.

ii) $\{21, 23, 25, 27, 29, 31, 33\}$; $\{x: x \text{ is an odd number between } 20 \text{ and } 35\}$

iii) $\{c, i, l, u, t\}$; $\{x: x \text{ is a letter used in the word 'CALCUTTA'}\}$

iv) $\{\text{January, February, March, April, May}\}$

{x: x is name of first five months of a year}

2) {16, 25, 36, 49, 64, 81}, {x: x is a perfect square two digit number}

5. i) {5, 15, 25, 35}

ii) {18, 24, 30}

iii) {Friday, Saturday, Sunday}

iv) {September, October, November, December}

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