

Exercise - 10(c)

CW  
14/2/21

- (1)
- (i)  $\{3, 6, 9, 12, 15\}$
- (ii)  $\{-3, -2, -1, 0, 1, 2, 3\}$
- (iii)  $\{s, c, h, o, l\}$
- (iv)  $\{11, 13, 15, 17, 19\}$
- (v)  $\{a, e, i\}$
- (vi)  $\{m, d, r, s\}$
- (2)
- (i)  $\{2, 3, 5, 7, 11, 13, 17, 19\}$
- (ii)  $\{1^2, 2^2, 3^2, 4^2\} = \{1, 4, 9, 16\}$
- (iii)  $\{2, 4, 6, 8\}$
- (iv)  $\{a, b, c, d, e, f, g, h\}$
- (v)  $\{s, a, s, k, e, t\}$
- (vi)  $\{jajpur, jajpur, jhansi, jalandhar\}$
- (vii)  $\{\Delta, \bigcirc, \square, \square\}$  ,  $\{\text{triangle, circle, hexagon, square}\}$
- (viii)  $\{0, a\}$
- (ix)  $\{0, 1, 4, 9\}$

③

(i)  $\{x : x \text{ is an even natural number less than } 12\}$

(ii)  $\{x : x \text{ is a prime number less than } 12\}$

(iii)  $\{x : x \text{ are the name of the months whose name starts with the letter J}\}$

(iv)  $\{x : x \text{ are the vowels of english alphabet}\}$

(v)  $\{x : x \text{ are the names of days of a week whose name starts with the letter T}\}$

(vi)  $\{x : x \text{ is a perfect square natural number upto } 25\}$

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

④

(i)  $\{1, 2, 4, 6, 8, 12, 24\}$

$\{x : x \text{ is a natural number which divides } 24 \text{ completely}\}$

(ii)  $\{1, 23, 25, 27, 29, 31, 33\}$

$\{x : x \text{ is a natural number which is odd and is between } 20 \text{ and } 35\}$

(iii)  $\{c, a, l, u, t\}$

$\{x : x \text{ is a } \overset{\text{letter}}{\text{word}} \text{ used in the word 'Calculator'}\}$

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

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

(v)  $\{16, 25, 36, 49, 64, 81\}$

$\{x : x \text{ is a perfect square two digit number}\}$

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

(ii) { 18, 24, 30 }

(iii) { Friday, Saturday, Sunday }

(iv) { September, October, November, December }