

EX-10 (B)

- (ii) 5, 6 ∈ A - True (i) 2 ∈ A - True
- (iii) 3, 4, 7 ∈ A - False
- (iv) 2, 8 ∈ A - False
- 2. (i) ~~5 ∈ B - Wrong~~ 5 ∈ B - Wrong
- (ii) 12 ∈ B = Right
- (iii) 14 ∈ B = Right
- (iv) ~~9 ∈ B - Wrong~~ 9 ∈ B - Wrong
- (v) Correct
- (vi) Correct

5. (a) (i) Ans - { 3, 8, 5, 15, 12, 7 }

3, 8, 5, 15, 12 and 7

(ii) Ans - { c, m, n, o, s }

~~c, m, n, o and s~~

(i) Ans - { 2, 4, 8, 16, 64, 128 }

(ii) Ans - { 3, 5, 15, 45, 75, 90 }

(i) Ans - { b, h, g, p, a, l }

(ii) Ans - { e, a }

(iii) Ans - { b, n, g, k }

CW
07/07/22

10 (A) PKT

4. Write the set containing:

(i) the first five counting numbers.

Ans - $\{1, 2, 3, 4, 5\}$

(ii) the three types of angles

Ans - $\{\text{Obtuse, Acute, Right angle}\}$

(iii) the three types of triangles

Ans - $\{\text{Isosceles, equilateral, Scalene}\}$

(iv) The members of your family

Ans - $\{\text{Father, Mother, Brother, Me}\}$

(v) the first six consonants of the English Alphabet

Ans - $\{\text{B, C, D, F, G}\}$ $\{b, c, d, f, g\}$

(vi) the first four vowels of the English Alphabet

Ans - $\{\text{A, E, I, O}\}$ $\{a, e, i, o\}$

(vii) the names of any three Prime Minister of India

Ans - $\{\text{Narendramode, Rajesh Gandhi, Indira Gandhi}\}$

3. State whether true or false:

(i) Sets $\{4, 9, 6, 2\}$ and $\{6, 2, 4, 9\}$ are not the same.

False

(ii) Sets $\{0, 1, 3, 9, 4\}$ and $\{4, 0, 1, 3, 9\}$ are the same.

True

(iii) Sets $\{5, 4\}$ and $\{5, 4, 4, 5\}$ are not the same.

~~False~~ ~~True~~ False

(iv) Set $\{8, 3\}$ and $\{3, 3, 8\}$ are the same.

True

(v) Collection of vowels used in the word ALLAMBAD

forms a set.

[True]

(vi) If P is the set of letters in the word 'ROOP'; then
 $P = \{p, o, r\}$ [True]

(vii) If M is the set of letters used in the word 'MON
'-BAI', then: $M = \{m, u, b, a, i\}$

[True]

How

Complete Ex - 10(A), 10(B)