

11
6.7.21

EX-(10) B

i) 2EA

A → True

ii) 56EA

A → T

iii) 3, 4, 7EA

A → False

iv) 2, 8EA

A → False

2i) 5EB

A → wrong 5EB

2ii) 12EB

A → correct

iii) $14 \in B$

→ correct

iv) $9 \in B$

→ wrong $9 \notin B$

v) B is the set of even numbers between 2 and 16, correct

vi) 4, 6 and 10 are the members of the set B, correct

3i) Sets $\{4, 9, 6, 2\}$ and $\{6, 2, 4, 9\}$ are not same. F

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

iii) sets $\{5, 4\}$ and $\{5, 4, 5\}$ are not the same. F

iv) sets $\{8, 3\}$ and $\{3, 3, 8\}$ are the same. T

v) Collection of ~~the~~ vowels used in word 'ALLAHABAD' forms set. T

vi) If P is the set of letters in the word 'ROOF' $P = \{P, O, F\}$. T

vii) If M is the set of letters used in the word 'Mumbai', then

$M = \{m, u, b, a, i\}$. T

~~Q.2~~
7.7.21

Ex-10(B)

4) i) {1, 2, 3, 4, 5}

ii) { Acute angle, right angle, obtuse angle }

iii) { Acute angle triangle, right angle triangle, obtuse angle triangle }

iv) {M. Afkan ahmed, Ismail Khan, A.B parwin}

v) ~~{b, c, d, e, f, g}~~ {b, c, d, f, g, h}

vi) {a, e, i, o, }
~~{a, e, i, o, }~~

vii) {Indira Gandhi, Atal Bihari Vajpayee, Narendra Modi}

5 a) ~~{3, 8, 5, 15, 12, 7}~~

ii) {c, m, n, o, s}

b) {2, 4, 8, 16, 64 and 128}

ii) {3, 5, 15, 45, 75, and 90}

c) {b, h, o, p, a, l}

ii) {e, a}

iii) {h, n, g, k}

B = ~~{B, h, b, n, s, w, r}~~

{B, h, b, n, s, w, r}