

## Exercise - 10 (B)

Date \_\_\_ / \_\_\_ / \_\_\_

1. i)  $2 \in A = \text{True}$

ii) True

iii) False

iv) False

2. i) Wrong;  $5 \notin B$

ii) Correct

iii) Correct

iv) Wrong;  $9 \notin B$

v) Correct

vi) Correct

3. i) False

ii) True

iii) False

iv) True

v) True

vi) True

vii) True

4. i) Postbox Form = {1, 2, 3, 4, 6, 8, 12, 24}  
S.B. Form = {1, 1, 1} is a natural number  
that can be divided 24 completely.

ii) R.F. = {21, 23, 25, 27, 29, 31, 33, ~~35~~}

S.B.F. = {1, 1} is a odd number between 20 and 35.

iii) R.F. = {c, a, l, c, u, t, a}

S.B.F. = {1, 1, 1} is a word used in 'CALCUTTA'.

iv) R.F. = {January, February, March, April, May,

S.B.F. = {1, 1, 1} is the name of first five months  
of a year.

v) R.F. = {16, 25, 36, 49, 64, 81}

S.B.F. = {1, 1, 1} is a perfect square two digit number.

S. i) A = {5, 15, 25, 35}

ii) A = {18, 24, 30}

iii) A = {Friday, Saturday, Sunday}

iv) A = {September, October, November, December}