Exercise - 10 (c)

1. i) a $A = \{3, 6, 9, 12, 15\}$
ii) $A = \{-3, -2, -1, 0, 1, 2, 3\}$
iii) $A = \{S, c, h, o, l\}$
iv) $A = \{11, 13, 15, 17, 19\}$
v) $A = \{a, e, i\}$
vi) $A = \{M, m, d, r, s\}$

2. i) $A = \{2, 3, 5, 7, 11, 13, 17, 19\}$
ii) $A = \{1^2, 2^2, 3^2, 4^2\}$
   $A = \{1, 4, 9, 16\}$
iii) $A = \{2, 4, 6, 8\}$
iv) $A = \{a, b, c, d, e, f, g, h\}$
v) $A = \{b, a, s, k, e, l\}$
vi) $A = \{Jodhpur, Jhansi, Jaipur, Jalandhar\}$
vii) $A = \{Circle, triangle, square, rectangle\}$
viii) $A = \{0, a\}$
ix) $A = \{0, 1, 4, 9\}$

3. i) $A = \{x : x$ is an even natural number less than 12$\}$

ii) $A = \{x : x$ is a prime number less than 12$\}$

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

iv) $A = \{x : x$ is a ~~ro~~ vowel in english alphbt$\}$

v) $A = \{x : x$ is a day of weak whose name starts with letter T$\}$

vi) $A = \{x : x$ is a square of natural number upto 25$\}$

viii) A = {x : x is a natural number which is div.....
by 5 and less than 30}

4 i) Roster form = {1, 2, 3, 4, 6, 8, 12, 24}
Set-Builder form = {x : x is a natural numbe...
that can be devide 24 completely}

ii) R.F. = {21, 23, 25, 27, 29, 31, 33, 35}
S.B.F = {x : x is a odd number between 20 and 35...

iii) R.F. = {c, a, l, u, t}
S.B.F = {x : x is a word used in 'CALCUTTA'...

iv) R.F. = {January, February, March, April...
S.B.F = {x : x is the name of first kine month:
of a year}

v) R.F. = {16, 25, 36, 49, 64, 81}
S.B.F = {x : x is a perfect square two d...g.t...

5 i) A = {5, 15, 25, 35}
ii) A = {18, 24, 30}
iii) A = {Friday, Saturday, Sunday}
iv) A = {September, October, November, Decer...