

March, April, May)

(v) The Roostere Atom is $(16, 25, 36, 49, 64, 81)$

(B) $(5, 15, 25, 35)$ is a Roostere Form for the first four odd natural numbers each divisible by 5

(ii) $(18, 24, 30)$ is a Roostere Atom for the counting numbers between 15 and 35 each of which is divisible by 6

(iii) (Friday, Saturday, Sunday) is a Roostere Form for names of the last three days of a week

(iv) (September, October, November, December) is a Roostere Form for names of the last four months of year.

(iii) $\{x: x \text{ is a month of the year whose name starts with letter J}\}$ is the set - Builder from for (January, July, June)

(iv) $\{x: x \text{ is a vowel in English alphabets}\}$ is the set - Builder from for (a, e, i, o, u)

(v) $\{x: x \text{ is a day of the week whose name starts with letter T}\}$ is the set - Builder from for (Tuesday, Thursday)

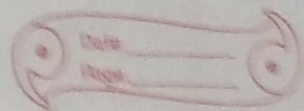
(4) (i) The Roster is (1, 2, 3, 4, 6, 8, 12, 24)

(ii) The Roster from is (21, 23, 25, 27, 29, 31, 33)

(iii) The Roster from is (E, A, L, U, T)

(iv) The Roster from is (January, February)

Q7) ~~(S is an even natural)~~



(i) $\{2, 3, 5, 7, 11, 13, 17, 19\}$ is the Roster form for all prime numbers between one and twenty

(ii) $\{1, 4, 9, 16\}$ is the Roster form for the squares of first four natural numbers

(iii) $\{2, 4, 6, 8\}$ form for even numbers

between 1 and 10

(iv) $\{A, B, C, D, E, F, G, H\}$ form for first eight letters of the English alphabet

(v) $\{B, A, S, K, E, T\}$ is the Roster form

for the letters of the word 'BACKET'

(3) (i) $x : x$ is an natural numbers (infinite)

(ii) $x : x$ is a prime numbers (infinite)

is the set-builder form for $\{2, 3, 5, 7, 11\}$

10(c)

(1) (i) The set of first five numbers each of which is divisible by 3 in the

Roster form is $(3, 6, 9, 12, 15)$

(ii) The set of integers between -4 and

4 in Roster form is $(-3, -2, -1, 0,$

$1, 2, 3)$

(iii) The Roster form for a set $\{x: x \text{ is a letter in the word 'School'}\}$ is (S, C, H, O, L)

(iv) $(11, 13, 15, 17, 19)$ is the Roster form for a set $\{x: x \text{ is an odd natural number between 10 and 20}\}$

(v) (A, E, I) is the Roster form for a set $\{x: x \text{ is a vowel used in the word 'AMERICA'}\}$