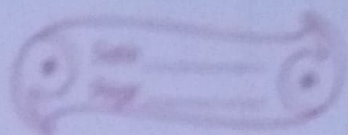


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(6c)

4. Universal set -  $\{-7, -3, -1, 0, 5, 6, 8, 9\}$

i)  $A = \{x : x < 2\}$

$\therefore A = \{x : -7, -3, -1, 0\}$

ii)  $B = \{x : -4 < x < 6\}$

$\therefore B = \{x : -3, -1, 0, 5\}$

5. i)  $\{3, 6, 9, 12, 15, 18\}$

ii)  $\{5, 7, 9, 11, 13, 15, 17\}$

iii)  $\{4, 8, 12, 16\}$

6.  $\emptyset, \{10\}, \{-1\}$

7. i) False

ii) True

iii) True

8. i) False ii) False iii) True iv) True v) True  
vi) False