Answer no: 1

Given that,

$A = \{x \mid x^2 - 4x + 3 = 0\}$ $D = \{x \mid x \in N, x \text{ is odd } x <$

$B = \{x \mid x^2 - 3x + 2 = 0\}$

$C = \{x \mid x \in N, x < 3\}$

$E = \{1, 2\}$ $G = \{3, 1\}$

$F = \{1, 2, 1\}$ $H = \{1, 1, 3\}$

Solving the quadratic equation of set A,

$x^2 - 4x + 3 = 0$

$\Rightarrow x^2 - 3x - x + 3 = 0$

$\Rightarrow x(x-3) - 1(x-3) = 0$ $\therefore x = 1, 3$

$\Rightarrow (x-3)(x-1) = 0$

$A = \{1, 3\}$

Again for B,

$x^2 - 3x + 2 = 0$

$\Rightarrow x^2 - 2x - x + 2 = 0$

$\Rightarrow x(x-2) - 1(x-2) = 0$

$\Rightarrow (x-2)(x-1) = 0$

$\therefore x = 1, 2$ $B = \{1, 2\}$