

LINEAR EQUATION IN ONE VARIABLE**INTRODUCTION OF LINEAR EQUATION IN ONE VARIABLE****EXERCISE****VERY SHORT ANSWER TYPE QUESTIONS**

Q.1 Tell which of the following is a linear equation in one variable:

- a) $x^2 - 4x + 3 = 0$
- b) $6x - 2y = 7$
- c) $3x - 1 = -2x$
- d) $pq - 3 = p$
- e) $3x + 2 = 4(x + 7) + 9$

Q.2 State whether the following statements are true or false:

- (a) A term may be transposed from one side of the equation to the other side but its sign will not change.
- (b) We cannot subtract the same number from both sides of an equation.
- (c) $x = 1$ is the solution of equation $4(x + 5) = 24$

ANSWERS KEY

- 1. c, e
- 2. (a) False
(b) False
(c) True