

# The standard form of the quadratic equation is:

- A.  $y = a(x - h)^2 + k$
- B.  $y = a(x + h)^2 + k$
- C.  $y = x^2 + bx + c$
- D.  $y = x^2 + k$

Show Answer...

**Correct Answer: C)  $y = x^2 + bx + c$**

## Standard Form Of Quadratic Equation:

The basic form of the quadratic equation is  $y = ax^2 + bx + c$ .

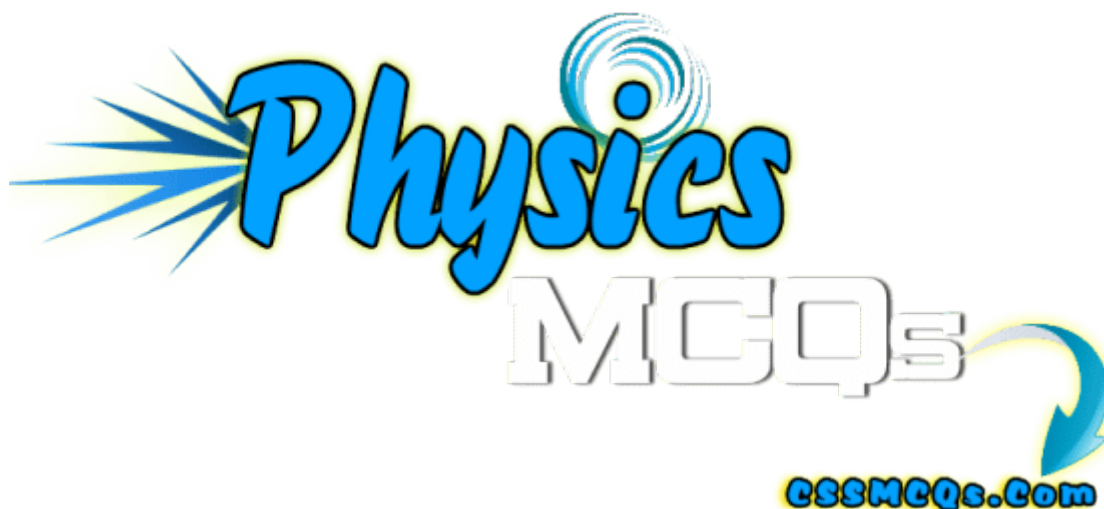
This form has the  $x^2$  term as the leading coefficient, followed by the  $x$  term and the constant term. This form is useful for solving and graphing quadratic functions, and it can be converted to other forms such as vertex form (A) or factored form (B) depending on the problem.

Option (D) is not the standard form of the quadratic equation as it is missing the  $x$  term.

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