

## Mathematics 9th Class English Medium Unit 10 Online Test

Sr	Questions	Answers Choice
1	A line that continually approaches a given curve but does not meet it at any finite distance is called.	A. Horizontal line B. Vertical line C. Tangent line D. Asymptotes
2	The graph of which function has "U" shape.	A. Linear B. quadratic C. cubic D. reciprocal
3	The graph of which function has "S" shapes	A. Linear B. quadratic C. Cubic D. Reciprocal
4	The graph of which function has at most two turning point.	A. Linear B. quadratic C. cubic D. biquadratic
5	The graphs of which equation pass through the origin.	A. $y = 4x + 2$ B. $y = x^2 + 1$ C. $y = 3x^3$ D. $xy = 8$
6	In $y = ax^2 + bx + c$ if $a < 0$ then parabola opens.	A. Upward B. downward C. right ward D. Left ward
7	The graph of a quadratic function is always.	A. Straight line B. Curves line C. Parabola D. Hyperbola
8	The graph of which equation is a parabola	A. $y = 2x$ B. $y = x^2$ C. $y = x^3$ D. $xy = 1$
9	The graph of which equation is a straight line	A. $y = 2x$ B. $y = x^2$ C. $y = x^3$ D. $xy = 1$
10	$y = -3x^3 + 7$ is.....function.	A. exponential B. cubic C. linear D. reciprocal
11	Reciprocal function is.	A. $x = 7$ B. $y = 2/x$ C. $y = 2x^2$ D. $y = 5x^3$
12	$y = 5^x$ is.....function	A. Linear B. quadratic C. cubic D. exponential
13	The graph of $y = x^2 - 9$ opens	A. Upward B. downward C. left side D. right side
14	The graph of $y = -x^2 + 5$ opens	A. Upward B. downward C. Left side D. Right side
15	The graph of $3^x$ represents.	A. growth B. decay C. a line D. Both a and b

