Graphs of Functions

Sr	Questions	Answers Choice
1	x= 5 represents.	A. x - axis B. y- axis C. Line to x -axis D. line ll to y -axis
2	The graph of a quadratic function is always.	A. Straight line B. Curves line C. Parabola D. Hyperbola
3	In $y = ax^2 + bx + c$ if a< 0 then parabola opens.	A. Upward B. downupward C. right ward D. Left ward
4	The graph of y = x2 -9 opens	A. Upward B. downward C. left side D. right side
5	y = -3x3 + 7 is.....function.	A. exponential B. cubic C. linear D. reciprocal
6	The grap of y = x3, cuts the x -axis at	A. x = 2 B. x = 0 C. x = 1 D. x = -1
7	A line that continually approaches a givne curve but does not meet it at any finite distance is called.	A. Horizontal line B. Vertical line C. Tangent line D. Asymptotes
8	The graph of 3^x represents.	A. growth B. decay C. a line D. Both a and b
9	They y - intercepts of y = -2 x -1 is	A. -2 B. 2 C. -1 D. 1
10	Slope of the line y = 5x + 3 is	A. 3-3 B. 5 C. -5
11	The graphs of which equation pass through the origin.	A. y = 4 x + 2 B. y = x² + 1 C. y = 3 x ³ D. xy = 8
12	The graph of which equation is a parabola	A. y = 2 x B. y = x² C. y = x ³ D. xy =1
13	$y = 5^x$ is.....fuction	A. Linear B. quadratic C. cubic D. exponential
14	The graph of which function has at most two turning point.	A. Linear B. quadratic C. cubic D. biquadratic
15	The graph of which function has "U" shape.	A. Linear B. quadratic C. cubic D. reciprocal

16	Reciprocal funtion is.	A. x = 7 ^x B. y = 2/x C. y = 2x² D. y= 5x³
17	The graph of y = -x2 + 5 opens	A. Upward B. downward C. Left side D. Right side
18	The graph of which function has "S" shapes	A. Linear B. quadratic C. Cubic D. Reciprocal
19	The graph of which equation is a straight line	A. y = 2x B. y = x² C. y = x¹ D. xy = 1