Graphs of Functions

Sr	Questions	Answers Choice
1	The graph of which equation is a parabola	A. $y = 2x$ B. $y = x^2$ C. $y = x^3$ D. $xy = 1$
2	Slope of the line $y = 5x + 3$ is	A. 3-3 B. 5 C. -5
3	The graph of 3^x represents.	A. growth B. decay C. a line D. Both a and b
4	The graph of which function has at most two turning point.	A. Linear B. quadratic C. cubic D. biquadratic
5	Reciprocal funtion is.	A. $x = 7^x$ B. $y = 2/x$ C. $y = 2x^2$ D. $y = 5x^3$
6	$y = 5^x$ is................fuction	A. Linear B. quadratic C. cubic D. exponential
7	$y = -3x3 + 7$ is........................function.	A. exponential B. cubic C. linear D. reciprocal
8	The graph of which function has "U" shape.	A. Linear B. quadratic C. cubic D. reciprocal
9	The graph of which function has "S" shapes	A. Linear B. quadratic C. Cubic D. Reciprocal
10	In $y = ax^2 + bx + c$ if $a < 0$ then parabola opens.	A. Upward B. downupward C. right ward D. Left ward
11	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
12	The grap of $y = x3$, cuts the x -axis at	A. $x = 2$ B. $x = 0$ C. $x = 1$ D. $x = -1$
13	They y - intercepts of $y = -2x - 1$ is	A. -2 B. 2 C. -1 D. 1
14	The graph of which equation is a straight line	A. $y = 2x$ B. $y = x^2$ C. $y = x^1$ D. $xy = 1$
15	The graph of a quadratic function is always.	A. Straight line B. Curves line C. Parabola D. Hyperbola

16	The graphs of which equation pass through the origin.	A. $y = 4x + 2$ B. $y = x^2 + 1$ C. $y = 3x^3$ D. $xy = 8$
17	The graph of $y = -x2 + 5$ opens	A. Upward B. downward C. Left side D. Right side
18	x= 5 represents.	A. x - axis B. y- axis C. Line to x -axis D. line ll to y -axis
19	The graph of $y = x2 -9$ opens	A. Upward B. downward C. left side D. right side