Graphs of Functions

Sr	Questions	Answers Choice
1	The graph of y = x2 -9 opens	A. Upward B. downward C. left side D. right side
2	In $y = ax^2 + bx + c$ if a< 0 then parabola opens.	A. Upward B. downupward C. right ward D. Left ward
3	The graph of a quadratic function is always.	A. Straight line B. Curves line C. Parabola D. Hyperbola
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 = 2x² D. y= 5x³
6	y = 5 ^{x}is.....fuction	A. Linear B. quadratic C. cubic D. exponential
7	The graph of which function has "U" shape.	A. Linear B. quadratic C. cubic D. reciprocal
8	The graph of y = -x2 + 5 opens	A. Upward B. downward C. Left side D. Right side
9	The grap of y = x3, cuts the x -axis at	A. x = 2 B. x = 0 C. x = 1 D. x = -1
10	Slope of the line y = 5x + 3 is	A. 3-3 B. 5 C. -5
11	The graph of which function has "S" shapes	A. Linear B. quadratic C. Cubic D. Reciprocal
12	y = -3x3 + 7 is.....function.	A. exponential B. cubic C. linear D. reciprocal
13	x= 5 represents.	A. x - axis B. y- axis C. Line to x -axis D. line ll to y -axis
14	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
15	The graph of which equation is a straight line	A. y = 2x B. y = x² C. y = x¹ D. xy = 1

16	The graph of which equation is a parabola	A. y = 2 x B. y = x² C. y = x ³ D. xy =1
17	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
18	They y - intercepts of y = -2 x -1 is	A. -2 B. 2 C. -1 D. 1
19	The graph of 3^x represents.	A. growth B. decay C. a line D. Both a and b