Graphs of Functions

Sr	Questions	Answers Choice
1	y = 5 ^{x}is.....fuction	A. Linear B. quadratic C. cubic D. exponential
2	x= 5 represents.	A. x - axis B. y- axis C. Line to x -axis D. line ll to y -axis
3	The graph of which equation is a parabola	A. y = 2 x B. y = x² C. y = x ³ D. xy =1
4	The graph of 3 ^{x} represents.	A. growth B. decay C. a line D. Both a and b
5	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
6	The graph of which equation is a straight line	A. y = 2x B. y = x² C. y = x¹ D. xy = 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	In y = ax^2 + bx + c if a< 0 then parabola opens.	A. Upward B. downupward C. right ward D. Left ward
9	The graph of y = -x2 + 5 opens	A. Upward B. downward C. Left side D. Right side
10	Reciprocal funtion is.	A. x = 7 ^x B. y = 2/x C. y = 2x² D. y= 5x³
11	The graph of y = x2 -9 opens	A. Upward B. downward C. left side D. right side
12	The graph of a quadratic function is always.	A. Straight line B. Curves line C. Parabola D. Hyperbola
13	They y - intercepts of y = -2 x -1 is	A. -2 B. 2 C. -1 D. 1
14	y = -3x3 + 7 is.....function.	A. exponential B. cubic C. linear D. reciprocal
15	Slope of the line y = 5x + 3 is	A. 3-3 B. 5 C. -5

16	The graph of which function has "U" shape.	A. Linear B. quadratic C. cubic D. reciprocal
17	The graph of which function has at most two turning point.	A. Linear B. quadratic C. cubic D. biquadratic
18	The graph of which function has "S" shapes	A. Linear B. quadratic C. Cubic D. Reciprocal
19	The grap of y = x3, cuts the x -axis at	A. x = 2 B. x = 0 C. x = 1 D. x = -1