Quadratic Equations

Sr	Questions	Answers Choice
1	An equation of the type $2^{x} + 64.2^{-x} - 20 = 0$ is called:	A. Exponential equation B. Reciprocalequation C. Radicalequation D. Linearequation
2	If variables occurs in exponent, then such equations are called:	A. Constant equations B. Linearequations C. Exponentialequations D. Binomialequations
3	Question Image	A. Radical equation B. Reciprocal equation C. Exponential equation D. None of these
4	Which of the following is a reciprocal equation ?	A. ax³+bx³+cx+d=0 B. ax⁴-bx³+cx²-bx+a=0 C. ax⁴+bx³+cx²+dx+e=0 D. ax⁴+bx³+cx²+bx+a=0
5	Number of ways to solve quadratic equation are:	A. 1 B. 2 C. 3 D. 4
6	The standard form of quadratic equation is:	A. x²+6=7x B. x²-7x=6 C. 7x+6=x² D. x²-7x+6=0
7	An equation involving impression of the variable under _____ is called radical equation:	A. Second degree B. Exponent C. Radical D. Cube
8	The solution set of equation $4x^{2}-16=0$ is:	B. {4}
9	In equation $ax^{4}+bx^{2}+c=0$, we replace:	A. x² = y B. x= y C. x⁴= y D. x³= y
10	Factors of $5x^{2}-30=0$ are:	A. 5x(x+6) B. 6x(x+5) C. 6x(x-5) D. 5x(x-6)
11	Quadratic equation is also known as equation of:	A. Standard form B. Polynomials C. Second degree D. Higher order
12	A root of an equation, which do not satisfy the given equation is called:	A. Endogenous root B. Extraneous root C. Internal root D. Radical root
13	The number of methods to solve a quadratic equation is:	A. 1 B. 2 C. 3 D. 4
14	Standard form of quadratic equation is:	
15	Two linear factors $x^{2}-15x+56$ are:	A. (x-7) and (x+8) B. (x+7) and (x-8) C. (x-7) and (x-8) D. (x+7) and (x+8)
16	In $ax^{2}+b+c$, the constant term is:	A. a B. b C. c

		D. d
17	In ax^2+b+c, if a = 0 then reduced form is:	A. ax²+bx B. bx+c C. c D. ax²+c
18	Factors of $x^2-x-2=0$ are:	A. (x-1)(x+2) B. (x-1)(x-2) C. (x-1)(x-2) D. (x+1)(x+2)
19	An equation of the type $3^x+3^{2-x}+6 = 0$ is called a/an:	A. Reciprocal equation B. Radical equation C. Exponential equation D. None of these
20	An equation of the type $3^x+3^{2-x}+6=0$ is a/an _____ equation:	A. Radical B. Exponential equation C. Reciprocal D. None of these