Quadratic Equations

Sr	Questions	Answers Choice
1	Quadratic equation is also known as equation of:	A. Standard form B. Polynomials C. Second degree D. Higher order
2	Standard form of quadratic equation is:	
3	Number of ways to solve quadratic equation are:	A. 1 B. 2 C. 3 D. 4
4	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)
5	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
6	Number of terms in standard Quadratic Equation $ax^2+bx+c = 0$	A. 1 B. 2 C. 3 D. 4
7	Factors of $5x^2$-30=0 are:	A. 5x(x+6) B. 6x(x+5) C. 6x(x-5) D. 5x(x-6)
8	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
9	The factors of $3x^2$-7x-20=0 are:	A. (x-4)(3x+5) B. (x+4)(3x-5) C. (x-4)(3x-5) D. (x+4)(3x+5)
10	In equation $ax^4+bx^2+c=0$, we replace:	A. x² = y B. x= y C. x⁴= y D. x³= y
11	An equation involving impression of the variable under _____ is called radical equation:	A. Second degree B. Exponent C. Radical D. Cube
12	An equation of the type $2^x + 64.2^{-x} - 20 = 0$ is called:	A. Exponential equation B. Reciprocalequation C. Radicalequation D. Linearequation
13	A second degree equation in one variable x is of the form:	A. ax²+c B. ax²+bx+c C. ax+bx+c D. ax²+b
14	The solution set of equation $4x^2$-16=0 is:	B. {4}
15	If variables occurs in exponent, then such equations are called:	A. Constant equations B. Linearequations C. Exponentialequations D. Binomialequations
16	Solution set of equation $5x^2$-125 = 0 is:	A. {5} B. {10} C. {-5}
		A. Radical

17	An equation of the type $3^{x}+3^{2-x}+6=0$ is a/an _____ equation:	B. Exponential equation C. Reciprocal D. None of these
18	The standard form of quadratic equation is:	A. x²+6=7x B. x²-7x=6 C. 7x+6=x² D. x²-7x+6=0
19	In $ax^{2}+b+c$, the co-efficient of x is:	A. b B. d C. c D. a
20	In equation $5^{1+x}+5^{1-x}=26$, we put:	A. 5^{2x}=y B. 5^{1+x}=y C. 5^{1-x}=y D. 5^x=y