Quadratic Equations

Sr	Questions	Answers Choice
1	Equation $3^{2-x} + 6 = 0$ is of type:	A. Exponential B. Radical C. Reciprocal D. Non
2	In ax^2+b+c, the constant term is:	A. a B. b C. c D. d
3	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
4	The quadratic formula is:	
5	Quadratic equation is also known as equation of:	A. Standard form B. Polynomials C. Second degree D. Higher order
6	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
7	Standard form of quadratic equation is:	
8	The number of methods to solve a quadratic equation is:	A. 1 B. 2 C. 3 D. 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	Question Image	A. Radical equation B. Reciprocal equation C. Exponential equation D. None of these
11	To solve (x+a)(x+b)(x+c)(x+d) = k, we have:	A. a-b=b-c B. a-b=c-d C. a+b=c+d D. a-c=b-c
12	Factors of $5x^2-30=0$ are:	A. 5x(x+6) B. 6x(x+5) C. 6x(x-5) D. 5x(x-6)
13	The solution set of equation $4x^2-16=0$ is:	B. {4}
14	Solution set of equation $5x^2-125 = 0$ is:	A. {5} B. {10} C. {-5}
15	Number of ways to solve quadratic equation are:	A. 1 B. 2 C. 3 D. 4
16	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
		A. Reciprocal

17	Equation is $2x^4-3x^3+7x^2-3x+2=0$ called:	B. Radical C. Exponential D. None
18	The number of terms in a standard quadratic equitation $ax^2+bx+c=0$ is:	A. 1 B. 2 C. 3 D. 4
19	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)
20	The standard form of quadratic equation is:	A. x²+6=7x B. x²-7x=6 C. 7x+6=x² D. x²-7x+6=0