Quadratic Equations

Sr	Questions	Answers Choice
1	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)
2	Quadratic equation is also known as equation of:	A. Standard form B. Polynomials C. Second degree D. Higher order
3	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
4	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)
5	The quadratic formula is:	
6	Equation is $2x^4-3x^3+7x^2-3x+2=0$ called:	A. Reciprocal B. Radical C. Exponential D. None
7	The standard form of quadratic equation is:	A. x²+6=7x B. x²-7x=6 C. 7x+6=x² D. x²-7x+6=0
8	An equation of the type $2^x + 64.2^{-x} - 20 = 0$ is called:	A. Exponential equation B. Reciprocalequation C. Radicalequation D. Linearequation
9	In ax^2+b+c, the co-efficient of x is:	A. b B. d C. c D. a
10	In equation $ax^4+bx^2+c=0$, we replace:	A. x² = y B. x= y C. x⁴= y D. x³= y
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	An equation of the form $2x^4-3x^3+7x^2-3x+2=0$ is called a/an:	A. Reciprocal equation B. Radicalequation C. Exponentialequation D. None of these
13	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
14	The number of methods to solve a quadratic equation is:	A. 1 B. 2 C. 3 D. 4
15	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

16	If variables occurs in exponent, then such equations are called:	A. Constant equations B. Linearequations C. Exponentialequations D. Binomialequations
17	Number of terms in standard Quadratic Equation $ax^2+bx+c = 0$	A. 1 B. 2 C. 3 D. 4
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	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
20	In ax^2+b+c, if a = 0 then reduced form is:	A. ax²+bx B. bx+c C. c D. ax²+c