Quadratic Equations

Sr	Questions	Answers Choice
1	In ax^2+b+c, the co-efficient of x is:	A. b B. d C. c D. a
2	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
3	Standard form of quadratic equation is:	
4	The number of terms in a standard quadratic equitation $ax^2+bx+c=0$ is:	A. 1 B. 2 C. 3 D. 4
5	In ax^2+b+c, the co-efficient of x^2 is:	A. c B. b C. d D. a
6	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)
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	In ax^2+b+c, the constant term is:	A. a B. b C. c D. d
9	In ax^2+b+c, if a = 0 then reduced form is:	A. ax²+bx B. bx+c C. c D. ax²+c
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	Number of ways to solve quadratic equation are:	A. 1 B. 2 C. 3 D. 4
12	Quadratic equation is also known as equation of:	A. Standard form B. Polynomials C. Second degree D. Higher order
13	In equation $ax^4+bx^2+c=0$, we replace:	A. x² = y B. x= y C. x⁴= y D. x³= y
14	Solution set of equation $5x^2-125 = 0$ is:	A. {5} B. {10} C. {-5}
15	Question Image	A. Radical equation B. Reciprocal equation C. Exponential equation D. None of these
16		A. ax³+bx³+cx+d=0 B. ax⁴-bx³+cx²-bx+a=0

16	Which of the following is a reciprocal equation ?	C. ax⁴+bx³+cx²+dx+e=0 D. ax⁴+bx³+cx²+bx+a=0
17	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
18	Number of terms in standard Quadratic Equation $ax^2+bx+c = 0$	A. 1 B. 2 C. 3 D. 4
19	If variables occurs in exponent, then such equations are called:	A. Constant equations B. Linearequations C. Exponentialequations D. Binomialequations
20	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)