Algebraic Manipulation

Sr	Questions	Answers Choice
1	The symbol '>' stand for:	A. greater than B. less than C. less then or equal to D. greater than or equal to
2	A father's age 4 times of his son's age. if the age of son is 20 year's then the age of father is:	A. 60 B. 80 C. 100 D. 40
3	The quadratic form of x - 5/2x= x - 4/3 is:	A. 2x2 -11x + 15 B. 2x2 - 15x +11 C. 2x2 -22x + 15 D. 2x2 + 11x - 15
4	Two liner algebraic expressions joined by an inequality symbol such as >,<, >,< is called:	A. liner equation B. liner inequality C. absolute value equation D. order relation
5	The solution set of absolute equation lx - 3l = 5 is:	A. (2,8) B. (-2,8) C. (-2,-8) D. (2,-8)
6	The solution set of x - 7< 5 - 2x is:	A. x > 4 B. x = 4 C. x < 4 D. x < 4
7	Question Image	
8	Any term of an equation may be taken to the other side with its sign changed without affection the equation is called:	A. factorization B. surd C. transposition D. transformation
9	Any value of the variable which makes the equation a true statement is called the:	A. equation B. inequality C. variable D. solution
10	Question Image	
11	Factor of x3 - 4x - 77 = 0 are:	A. (11, -7) B. (11, 11) C. (11, 7) D. (-7, 7)
12	for any there numbers x,y and z if x > y and y> z then:	A. trichotomy property B. transitive property C. additive property D. multiplicative property
13	An equation that can be written in the form ax + b = 0, a ≠ 0 where a and ab are constants and x is variable is called:	A. linear equation B. liner inequality C. cubic equation D. quadratic equation
14	If a x b = 0 then a = 0 or b = 0 (both a and b equal to zero) is called:	A. solution of equation B. law of indices C. law of null factor D. law of inverse
15	Root which are not the solution of the original equation but they are obtained in the solution are called:	A. Real roots B. extraneous roots C. constants D. variable solvents