Fundamentals Of Geometry

Sr	Questions	Answers Choice
1	The area of an equilateral triangle with side 'a' is:	A. 1/2πr2 B. 3a2/2 C. √3a2/2 D. 2πr2
2	The volume of a sphere is:	A. πr2h B. 1/3πr2h C. 4/3πr2h D. πr2
3	The distance formula between two points is:	
4	The side opposite to a right angle in a right angled triangle is called:	A. base B. altitude C. Hypotenuse D. Perpendicular
5	The square of the hypotenuse is equal to the sum of the square of two sides this statement is called:	A. Factor theorem B. Hero's formula C. Ration formula D. Pythagoras theorem
6	Point (-2,4) lies in:	A. 1-quardrant B. II-quadrant C. III-quadrant D. IV -quadrant
7	Diagonal of a square with side is:	A. 1/2a B. 2a C. √2a D. 4a
8	Hero's formula is:	
9	The distance between the point (2,1) and (-4,3) is:	A. 2√10 B. 10√2 C. 2 D. 10
10	Area has dimensions;	A. one B. two C. three D. four
11	A point in II-quadrant has its abscissa:	A. positive B. negative C. zero D. one
12	The area of four walls of a room when length breadth and height of a room are given is:	A. l x b B. 2h(l +b) C. h(l +b) D. 2(l+b)
13	The origin has coordinates:	A. (0,1) B. (1,0) C. (1,1) D. (0,0)
14	1kl = ?	A. 1 m3 B. 106cm3 C. 109mm3 D. lm3
15	Who gave idea of plane:	A. John Napier B. Jobst burgi C. Descartes D. Arthur cayley