

## 10th Class General Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	A line segment that bisects an angle of the triangle and has its other end on the side opposite to that angle is called:	A. altitude of the triangle B. incenter of the triangle C. angle bisector of the triangle D. median of the triangle
2	The solution set of x - 7< 5 - 2x is:	A. x > 4 B. x = 4 C. x ⁢ 4 D. x ⁢ 4
3	If the points of contact of a common tangent to the two circles are on the same side of the line joining their centers then this common tangent is called:	A. external tangent B. internal tangent C. concyclic tangent D. concentric tangent
4	Type of algebraic expressions are:	A. Polynomial, Rationa expression B. Rational expression, irrational expression C. irratioanal expressional, Polynomial D. Polynomial, Rational expression, Irational expression
5	A polynomial D(x) is called a divisor of a polynomial p(x),if:	A. $P(x) = D(x)/Q(x)$ B. $D(x) = P(x),Q(x)$ C. $Q(x) = p(x),D(x)$ D. $P(x) = D(x)$ . $Q(x)$
6	The volume of a sphere is:	A. <span style='color: rgb(34, 34, 34); font-family: " Times New Roman"; font-size: 24px; textalign: center; background-color: rgb(255, 255, 248);'>πr<sup></sup>h</span> B. 1/3 <span style='color: rgb(34, 34, 34); font-family: " Times New Roman"; font-size: 24px; textalign: center; background-color: rgb(255, 255, 248);'>πr<sup></sup>h</span> C. 4/3 <span style='color: rgb(34, 34, 34); font-family: " Times New Roman"; font-size: 24px; textalign: center; background-color: rgb(255, 255, 248);'>πr<sup></sup>h</span> D. <span style='color: rgb(34, 34, 34); font-family: " Times New Roman"; font-size: 24px; textalign: center; background-color: rgb(255, 255, 248);'>πr<sup></sup>h</span> D. <span style='color: rgb(34, 34, 34); font-family: " Times New Roman"; font-size: 24px; textalign: center; background-color: rgb(255, 255, 248);'>πr<sup></sup></span>
7	A parallelogram containing right angles is called a:	A. equilateral B. rectangle C. quadrilateral D. square
8	If R is the remainder after dividing the polynomial $P(x)$ by $x$ -a, then:	A. P(x) = R B. P(R) = x C. P(a) = R D. P(R) = a
9	The point of intersection of the perpendicular bisectors of the sides of a triangle meet, is called:	A. circum-center of the triangle B. incenter of the triangle C. centroid of the triangle D. orthocenter of the triangle
10	Point (-2,4) lies in:	A. I-quadrant B. II-quadrant C. III-quadrant D. IV-quadrant
11	The symbol '>' stand for:	A. greater than B. less than

C. less then or equal to	
D. greater than or equal to	

		D. greater than or equal to
	The distance formula between two points is:	
3	Diagonal of a square with side is:	A. 1/2 a B. 2a C. 2a <sup>2</sup> D. 4a
ļ	Area has dimensions:	A. one B. two C. three D. four
5	An equilateral rectangle is called a:	A. Polygon B. quadrilateral C. parallelogram D. square
6	Point which do not on the same straight line is called.	A. Non collinear B. Collinear C. Equal D. Overlopping
7	A triangle with no equal side is called:	A. isosceles triangle B. obtuse triangle C. scalene triangle D. acute triangle
3	Which matrix has no multiplicative inverse?	A. unit matrix B. singular matrix C. non - singular matrix D. diagonal matrix
9	The volume of a sphere is:	A. πr2h B. 1/3πr2h C. 4/3πr2h D. πr2
)	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