

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

Sr	Questions	Answers Choice
1	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
2	The area of four walls of a room when length breadth and height of a room are given is:	A. $l \times b$ B. $2h(l + b)$ C. $h(l + b)$ D. $2(l+b)$
3	A point 4 quadrant has in ordinate	A. Positive B. Negative C. Zero D. One
4	Type of algebraic expressions are:	A. Polynomial , Rationa expression B. Rational expression, irrational expression C. irratioanal expressional , Polynomial D. Polynomial , Rational expression , Irtational expression
5	H.F.C of $8xy^2z^3$ and $12x^2y^2z^2$ is:	A. $4x^2y^2z^2$ B. $4xy^2z^2$ C. $8xy^2z$ D. $8xyz$
6	The point at which the three angle-bisector of a triangle meet is called:	A. circum-cneter of the triangle B. incenter of the triangle C. centroid of the triangle D. orthocenter of the triangle
7	Question Image <input style="width: 150px; height: 20px;" type="text"/>	A. 2-By -1 B. 1-By-2 C. 3-By-2 D. 3-by-1
8	The origin has coordinates:	A. (0,1) B. (1,0) C. (1,1) D. (0,0)
9	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
10	Two matrices are conformable for addition if they are of the:	A. same order B. different order C. order $2 \times 2$ D. order $3 \times 3$
11	Which matrix has no multiplicative inverse?	A. unit matrix B. singular matrix C. non - singular matrix D. diagonal matrix
12	The distance between the point (2,1) and (-4,3) is:	A. $2\sqrt{10}$ B. $10\sqrt{2}$ C. 2 D. 10
13	Two ancel with the common vertex and a common arm between them are called:	A. supplementary angle B. reflex angles C. adjacent angles D. vertically opposite angles

		<p>C. straight angles</p> <p>D. adjacent angles</p>
14	A square matrix in which all the element except at least one element in the diagonal are zero is called a:	<p>A. rectangular matrix</p> <p>B. zero matrix</p> <p>C. square matrix</p> <p>D. diagonal matrix</p>
15	The square of the hypotenuse is equal to the sum of the square of two sides this statement is called:	<p>A. Factor theorem</p> <p>B. Hero's formula</p> <p>C. Ration formula</p> <p>D. Pythagoras theorem</p>
16	Point line on the same line called.	<p>A. Non -Collinear</p> <p>B. Collinear</p> <p>C. Equal</p> <p>D. Overlapping</p>
17	if $P(x) = 4x^3 + 3x^2 + 5x + 1$ , then $P(1)$ as:	<p>A. 13</p> <p>B. 15</p> <p>C. 17</p> <p>D. 19</p>
18	Question Image <input type="text"/>	
19	Point on the axis do not lie in any.	<p>A. A plane</p> <p>B. Line</p> <p>C. quadrant</p> <p>D. circle</p>
20	The area of four walls of a room when length, breadth and height of a room are given is:	<p>A. <math>l \times b</math></p> <p>B. <math>2h(l + b)</math></p> <p>C. <math>h(l + b)</math></p> <p>D. <math>2(l + b)</math></p>