

## 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	Who gave the idea of plane:	A. John Napier B. Jobst burgi C. Descartes D. Arthur cayley
3	The idea of matrices was introduced by:	A. jobs burgi B. Robert C. Pythagoras D. Arthur Cayley
4	An expression which can be written in the form of $P(x)/Q(x)$ , $Q(x) \neq 0$ , Where $P(x)$ and $Q(x)$ are polynomials in "x" is called a:	A. irraational expression B. rational expression C. proper rational expression; D. improper rational expression
5	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
6	Supplementary angle (straight) is equal to:	A. $90^\circ$ B. $30^\circ$ C. $180^\circ$ D. $120^\circ$
7	Any value of the variable which makes the equation a true statement is called the:	A. equation B. inequality C. variable D. solution
8	Hero's formula is:	
9	If the centers of two circles lie in either side of the common tangent then it is called:	A. external tangent B. internal tangent C. concyclic tangent D. concentric tangent
10	<div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">Question Image</div>	A. $72^\circ$ B. $180^\circ$ C. $108^\circ$ D. $90^\circ$
11	Point on the axis do not lie in any.	A. A plane B. Line C. quadrant D. circle
12	$(-1)^{\text{odd}} = ?$ or $(-1)^{a-1} = ?$	A. 1 B. -1 C. $(-1)^{n+1}$ D. $(-1)^{-(n-a)}$
13	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. $P(x) = D(x). Q(x)$
14	Point $(-2,4)$ lies in:	A. I-quadrant B. II-quadrant C. III-quadrant D. IV -quadrant
15	Factors of $x^2 - x - 156$ are:	A. $(x - 12)(x - 13)$ B. $(x - 12)(x + 13)$ C. $(x + 12)(x + 13)$ D. $(x - 13)(x + 12)$
16	Diagonal of a square with side is:	A. $1/2a$ B. $2a$ C. $\sqrt{2}a$

		D. $4a$
17	Diagonal of a square with side is:	A. $\frac{1}{2}a$ B. $2a$ C. $2a^2$ D. $4a$
18	A point in II-quadrant has its abscissa:	A. positive B. negative C. zero D. one
19	Type of algebraic expressions are:	A. Polynomial , Rational expression B. Rational expression, irrational expression C. irrational expression , Polynomial D. Polynomial , Rational expression , irrational expression
20	If the sum of two angles is $90^\circ$ then the angles are called:	A. supplement of each other B. complement of each other C. inverse of each other D. reflex of each other