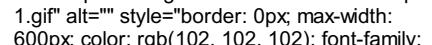


## 10th Class General Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The point at which the three angle-bisectors of a triangle meet is called:	A. circum-center of the triangle B. <b>inceter of the triangle</b> C. centroid of the triangle D. orthocenter of the triangle
2	If $a x^25 + 1$ is divided by $x + 1$ , then the remainder is:	A. 0 B. 1 C. 2 D. 3
3	An irrational number that contains a radical sign is called:	A. Polynomial B. <b>surd</b> C. equality D. inequality
4	H.F.C of $8xy^2z^3$ and $12x^2y^2z^2$ is:	A. $4x^2y^2z^2$ B. <b><math>4x^2z^2</math></b> C. $8xy^2z$ D. $8xyz$
5	Two angel with the common vertex and a common arm between them are called:	A. supplementary angle B. reflex angles C. straight angles D. <b>adjacent angles</b>
6	Which matrix has no multiplicative inverse?	A. unit matrix B. <b>singular matrix</b> C. non - singular matrix D. diagonal matrix
7	Question Image	
8	Factor of $x^3 - 4x - 77 = 0$ are:	A. <b>(11, -7)</b> B. (11, 11) C. (11, 7) D. (-7, 7)
9	Question Image	A. <b>Distance formula</b> B. Collinear point C. Non Collinear point D. Equal point
10	The number of angle bisectors of a triangle is:	A. 1 B. 2 C. <b>3</b> D. 4
11	If R is the remainder after dividing the polynomial P(x) by $x - a$ , then:	A. $P(x) = R$ B. $P(R) = x$ C. <b><math>P(a) = R</math></b> D. $P(R) = a$
12	Which of the following is a proper rational expression?	A. $2x^3 + 3x^2 + 3/x^2 + x + 3$ B. <b><math>3x^2 + 4x + 5/ 2x^4 + 1</math></b> C. $x^3 + 8/x + 1$ D. $2\sqrt{x+3}/2\sqrt{x-3}$
13	If the centers of two circles lie in either side of the common tangent then it is called:	A. external tangent B. <b>internal tangent</b> C. concyclic tangent D. concentric tangent
14	A triangle with two equal sides is called an:	A. <b>isosceles triangle</b> B. obtuse triangle C. scalene triangle D. acute triangle
15	The number of angle bisectors of a triangle is:	A. 1 B. 2 C. <b>3</b> D. 4
		A. <b>2</b> src="http://cdn.ttgtmedia.com/rms/whatis/sqr-1.gif" alt="" style="border: 0px; max-width: 100%;"/>

16 The distance between the point (2,1) and (-4,3) is:

- B. 10  
C. 2  
D. 10

17 if  $P(x) = 4x^3 + 3x^2 + 5x + 1$ , then  $P(1)$  as:

- A. 13  
B. 15  
C. 17  
D. 19

18 Conjugate binomial surd of  $a + b \sqrt{x}$  is

- A.  $a + bx$   
B.  $a - b\sqrt{x}$   
C.  $\sqrt{a} + \sqrt{bx}$   
D.  $a - bx$

19 In a plane is every ordered pair in associated

- A. A unique polite  
B. Zero  
C. Two pointer  
D. Four pointer

20 Which matrix is said to be additive identity of any matrix:

- A. scalar matrix  
B. diagonal matrix  
C. zero matrix  
D. unit matrix