

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

Sr	Questions	Answers Choice
1	If $A = -A$ then matrix A is called a:	A. symmetric matrix B. skew - symmetric matrix C. transpose of matrix D. identity matrix
2	$x + 5/x^2 - 6x - x/x - 6 = ?$	A. $5 - x - x^2/x^2 - 6x$ B. $5 + x - x^2/x^2 - 6x$ C. $5 + x - x^2/x^2 + 6x$ D. $x^2 - 6x/5 + x - x^2$
3	The centroid of a triangle divides each one of the medians in the ratio:	A. 1:1 B. 1:2 C. 2:1 D. 2:2
4	A square or a rectangular array of numbers written within square brackets or parentheses in a definite order is called a:	A. determinate B. diagonal C. matrix D. row
5	A triangle with two equal sides is called an:	A. isosceles triangle B. obtuse triangle C. scalene triangle D. acute triangle
6	If two or more algebraic expressions are given the highest degree which divides each of them without remainder is called:	A. L.C.M B. H.C.F C. square root D. factorization
7	The union of two rays with the common end point is called:	A. arm B. vertex C. angle D. midpoint
8	The process of writing an expression as a product of two or more factors is called:	A. polynomial B. factorization C. factors D. quadratic polynomial
9	A point 4 quadrant has in ordinate	A. Positive B. Negative C. Zero D. One
10	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. $2(l + b)$
11	Which matrix has no multiplicative inverse?	A. unit matrix B. singular matrix C. non - singular matrix D. diagonal matrix
12	A parallelogram containing a right angle is called a:	A. quadrilateral B. square C. rectangle D. equilateral
13	The altitudes of a triangle are:	A. concurrent B. collinear C. non-collinear D. non-concurrent
14	H.F.C of $8xy^2z^3$ and $12x^2y^2z^2$ is:	A. $4x^2y^2z^2$ B. $4xy^2z^2$ C. $8xyz$ D. $8xyz$
15	The point at which the three angle-bisectors of a triangle meet is called:	A. circum-center of the triangle B. inceter of the triangle C. centroid of the triangle D. orthocenter of the triangle

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16 The midpoint of the diameter of a circle is called:  
A. radius  
B. chord  
**C. center**  
D. tangent

17 Question Image

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18 Factors of  $x^2 - x - 156$  are:  
A.  $(x - 12)(x - 13)$   
B.  $(x - 12)(x + 13)$   
C.  $(x + 12)(x + 13)$   
**D.  $(x - 13)(x + 12)$**

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19 The solution set of  $x - 7 < 5 - 2x$  is:  
A.  $x > 4$   
B.  $x = 4$   
**C.  $x < 4$**   
D.  $x <= 4$

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20 A line segment joining a vertex to the midpoint of the side opposite to the vertex is called:  
A. altitude of the triangle  
B. side bisector of the triangle  
C. angle bisector of the triangle  
**D. median of the triangle**

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