

## Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Area of inscribed circle is	A. $\pi R^2$ B. $\pi r^2$ C. $\pi r^2$ D. $\pi r^2$
2	Tangent is .....function	A. Inverse B. one-one C. in-to D. Periodic
3	If a polynomial P(x) is divided by $x + a$ , then the remainder is	A. P(a) B. P(-a) C. P(0) D. None of these
4	Question Image	A. 0 B. 1
5	$x^3 + 2x^2 - 3x + 5$ is _____	A. An equation B. A polynomial C. Proper rational fractions D. Improper rational fractions
6	Gooch crucible is made of :	A. Brass. B. Porcelain. C. Bronze. D. Gold.
7	The solution set of $x < 4$ is	A. $-\infty < x < 4$ B. $-\infty < x < 4$ C. $-\infty < x < 4$ D. $-\infty < x < 2$
8	The sum of infinite numbers of terms of an arithmetic series is	A. Finite B. Infinite C. May or may not finite D. None of these
9	$ax + by < c$ is linear inequality in	A. four variables B. three variables C. two variables D. one variable
10	The probability of getting a number between 1 and 100 which is divisible by 1 and itself if only is	A. $1/4$ B. $1/2$ C. $3/4$ D. $25/98$
11	The law of sines can be used to solve	A. Right angle triangle B. Isosceles triangle C. oblique triangle D. hexagon
12	Question Image	

13	For graphing a linear inequality, solid line is drawn if the inequality involves the symbols:	<p>A. <math>&gt;</math>; or <math>&lt;</math>;</p> <p>B. <math>&gt;</math> or <math>&lt;</math></p> <p>C. <math>=</math> or <math>\neq</math></p> <p>D. <math>=</math> or <math>&gt;</math>;</p>
14	If $A = \{2m/m^3 = 8, m \in \mathbb{Z}\}$ then $A =$ <input type="text"/>	<p>A. <math>\{1, 8, 27\}</math></p> <p>B. <math>\{4\}</math></p> <p>C. <math>\{2, 4, 6\}</math></p> <p>D. <math>\{2, 16, 54\}</math></p>
15	$\forall a, b, c \in \mathbb{R}$ and $c > 0$ , then	<p>A. <math>a &gt; b \Rightarrow ac &lt; bc</math></p> <p>B. <math>a &gt; b \Rightarrow ac &gt; bc</math></p> <p>C. <math>a &lt; b \Rightarrow ac &gt; bc</math></p> <p>D. None of these</p>
16	<input type="text"/>	<p>A. <math>4A - 3I</math></p> <p>B. <math>3A - 4I</math></p> <p>C. <math>A - I</math></p> <p>D. None of these</p>
17	<input type="text"/>	
18	Any horizontal line divided the plane into	<p>A. Left half plane</p> <p>B. Upper and lower half planes</p> <p>C. Infinite number of horizontal lines</p> <p>D. None of these</p>
19	The domain of a finite sequence is a	<p>A. Set of natural numbers</p> <p>B. <math>\mathbb{R}</math></p> <p>C. Subset of <math>\mathbb{N}</math></p> <p>D. Proper subset of <math>\mathbb{N}</math></p>
20	<input type="text"/>	