

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	At a point 15 meters away from the base of a 15 meters high house, the angle of elevation of the top is	A. 90° B. 60° C. 30° D. 45°
2	If $B \subseteq A$, then complement of B in A is = -----	A. A-B B. $A \cap B$ C. B-A D. AUB
3	A matrix with a single row is called a	A. Column matrix B. Row matrix C. Null matrix D. Identity matrix
4	The number of divisors of 1029, 1547 and 122 are in	A. A.P. B. G.P. C. H.P. D. None of these
5	The range of $y = \cot x =$ _____	A. - B. - C. - D. None of above
6	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
7	The distance of the point (2,3) from y-axis is	A. 2 B. 3 C. 5
8	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
9	If one root of the equation $x^2 - 3x + a = 0$ is 2 then a = _____	A. 0 B. 1 C. 2 D. 3
10	Both the roots of the equation $(x - b)(x - c) + (x - c)(x - a) + (x - a)(x - b) = 0$ are always	A. Positive B. Negative C. Real D. None of these

11	The set $\{1,2,3,4,\dots\}$ is called	<p>A. Set of natural numbers B. Set of whole numbers C. Set of rational number D. Set of irrational numbers</p>
12	The sum of all 2 digit number is	<p>A. 4750 B. 3776 C. 4895 D. 4905</p>
13	Question Image <input type="text"/>	
14	Every real number is	<p>A. a positive integer B. a rational number C. a negative integer D. a complex number</p>
15	$\cot(3\pi/2 - \theta) = \underline{\hspace{2cm}}$;	<p>A. $\tan\theta$ B. $\cot\theta$ C. $-\tan\theta$ D. $-\cot\theta$</p>
16	$i^2 =$	<p>A. 1 B. 2 C. -1 D. 0</p>
17	Question Image <input type="text"/>	<p>A. $\cos x$ B. $-\sin x$ C. $-\cos x$ D. $\tan x$</p>
18	There is no integer n for which 3n is	<p>A. Even B. Prime C. Odd D. Real</p>
19	Question Image <input type="text"/>	
20	Question Image <input type="text"/>	<p>A. 2 B. -1 C. 8 D. not defined</p>