

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
2	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $2s^{>2}$ B. $2s^{>3}$ C. $s^{>3}$ D. $3s^{>3}$
3	$x = 1$ is in the solution of the inequality	A. $x + 1 \geq 0$ B. $x - 2 \geq 0$ C. $3x - 1 \leq 0$ D. $x + 2 \leq 0$
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
5	$1^0 =$ _____	A. 1.5 rad B. 0.5 rad C. 0.175 rad D. None of these
6	What is the conjugate of $-6 - i$	A. $-6 + i$ B. $6 + i$ C. $-6 - i$ D. $6 - i$
7	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
8	If A and B are skew-symmetric then $(AB)^t$ is	A. At Bt B. AB C. -AB D. BA
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	B. $\ln(x^{>2} - x + 1)^{>4} + c$
10	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Multiplication property B. Additive property C. Trichotomy property D. Transitive property of inequality
11	$\cot(3\pi/2 - \theta) =$ _____;	A. $\tan\theta$ B. $\cot\theta$ C. $-\tan\theta$ D. $-\cot\theta$
12	The no of term is the expansion of $(a+x)^{n-1}$ is	A. $n+1$ B. $n-1$ C. n D. $n-2$
13	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
14	The exterior angle of the interior angle C of the quadrilateral whose vertices are A(5,2), B(-2,3), C(-3,-4), D(4,-5) is	A. 30° B. 60° C. 45° D. 90°
15	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 1 B. 2 C. -1 D. 0
16	If $b^2 - 4ac$ is positive then the roots of the equation are	A. Real B. Imaginary C. Positive D. Negative
17	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
18	The slope of the normal at $(5 \cos \theta, 5 \sin \theta)$ to the circle. $x^2 + y^2 = 25$ is:	A. $\tan\theta$ B. $\cos\theta / \sin\theta$ C. $-\cot\theta$ D. $-\tan\theta$

19 $(0.90)^{1/2}$ is equal to

- B. 0.90
- C. 0.80
- D. 0.88

20 Question Image