

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	A. 1 B. 0 C. -2 D. 3
2	The multiplicative inverse of $-3i$ is	A. $3i$ B. $-3i$ C. $-1/3i$ D. $1/3 i$
3	Question Image	A. $2x + 3$ B. $x^2 + 3 + c$
4	Area of inscribed circle is	A. πR^2 B. πr^2 C. πr^2 D. πr^2
5	If one root of the equation $ix^2 - 2(i + 1)x + (2 - i) = 0$ is $2 - i$, then the other root is	A. $-i$ B. $2 + i$ C. i D. $2 - i$
6	Question Image	
7	Period of cosec x is _____	
8	Question Image	A. cosec x + c B. -cosec x + c C. -sec x + c D. sec x + c
9	Question Image	D. none of these
10	Which one is not defined $\forall n \in \mathbb{Z}^+$	A. $-n!$ B. $n!$ C. $(-n)!$ D. $n! + 0! = n! + 1$
11	The solution set of the equation $1 + \cos x = 0$ is _____	D. none of these
12	$(a, 0) \times (c, 0) =$	A. $(0, ac)$ B. $(ac, 0)$ C. $(0, 0)$ D. (a, c)
13	Question Image	A. An empty set B. Universal set C. A singleton set D. None of these
14	Question Image	A. 0 B. 1 D. none of these
15	Question Image	
16	In natural logarithm the base is	A. 1 B. 0 C. 10 D. e
17	The transpose of a zero matrix is a _____	A. Column matrix B. Zero matrix C. Row matrix D. Scalar matrix
18	If $x < y$, $2x = A$, and $2y = B$, then	A. $A = B$ B. $A < B$ C. $A < x$ D. $B < y$
19	Question Image	

- A. 2.488
 - B. 2.48
 - C. 2.0488
 - D. 2.05
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