

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The fifth term of an A.P. Whose first term is 5 and common difference is 3, is	A. 20 B. 17 C. 25 D. 30
2	Question Image	A. Associate law of addition B. Commutative law of addition C. Additive identity D. Closure law of addition
3	Question Image	A. $\sec x \tan x$ B. $-\operatorname{cosec} x \cot x$ C. $\sec^2 x$ D. $-\sin x$
4	Question Image	
5	The distance of the point (-2, -3) from the origin is	A. 2 B. -5 C. -3
6	If $B \subseteq A$, then complement of B in A is = -----	A. A-B B. $A \cap B$ C. B-A D. $A \cup B$
7	Question Image	A. -10 B. 10/7 C. -10/7 D. -7/10
8	A fixed point which lies on the axis of the cone is called its:	A. axis B. apex C. plane D. diameter
9	Under multiplication, solution set of is	A. Groupoid B. Abelian group C. Semi group D. All of these
10	Question Image	
11	Question Image	
12	π is the period of the function	A. $ \sin x + \sin x $ B. $\sin^4 x + \cos x$ C. $\sin(\sin x) + \sin(\cos x)$ D. None of these
13	The number of permutations of n objects of which there are n_1 like of one kind, n_2 like of the second kind and n_3 like objects of third kind are	
14	The set of complex numbers forms a group under the binary operation of	A. Addition B. none of these C. Division D. Subtraction
15	The mid point of the line segment joining the points A(-8,3) and B(2,-1) is	A. (-3,1) B. (-6,2) C. (5,2) D. (-5,2)
16	Question Image	C. $\ln f(x) + c$ D. $f(x) - c$
17	Question Image	
18	Question Image	B. 1 D. -1
19	Question Image	

- A. Row matrix
 - B. Column matrix
 - C. Square matrix
 - D. Null matrix
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