

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	$0! = \underline{\hspace{2cm}}$	A. 0 B. 1 C. 2 D. Not defined
4	The additive inverse of 1 is	A. 1 B. -1 C. 0 D. Does not exist
5	Question Image	
6	Question Image	
7	Question Image	
8	The axis of the parabola $x^2 = 4ay$ is:	A. $y = 0$ B. $x = 0$ C. $x = -a$ D. $y = a$
9	If $3x^4 + 4x^3 + x - 5$ is divided by $x + 1$, then the remainder is	A. 0 B. 7 C. -7 D. 5
10	$\sqrt{-1} b =$	A. b B. 2 C. 2b D. None of these
11	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	
12	Question Image	D. none of these
13	Question Image	
14	A matrix in which the number of rows is equal to the number of columns is called a	A. Diagonal matrix B. Rectangular matrix C. Square matrix D. Scalar matrix
15	The set X is	A. Proper Subset of X B. Not A subset of X C. Improper Subset of X D. None of these
16	Question Image	
17	Question Image	A. $X = 100 \sin$ B. $X = 10 \sin$ C. $X = 100 \sec$ D. None of these

D. None of these

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Question Image

- A. Closure law of addition
- B. Closure law of multiplication
- C. Commutative law of addition
- D. Commutative law of multiplication

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Archimedes approximate the function by horizontal function and the area under f by the sum of small

- A. Parallelograms
- B. Squares
- C. Rectangles
- D. Polygons

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The graph of linear equation $2x + 3y = 10$

- A. Parabola
- B. Circle
- C. Hyperbola
- D. Straight line