

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
2	The period of $ \sin 2x $ is	A. $\pi/2$ B. $-\pi/2$ C. π D. $\pi/3$
3	e is a	A. variable B. Positive constant C. Positive variable D. Directrix
4	$(51)^4$ is equal to	A. 7065201 B. 8065201 C. 6765201 D. 6565201
5	The transport of a null matrix is	A. Row matrix B. Column matrix C. Square matrix D. Null matrix
6	The set $\{\mathbb{Z} \setminus \{0\}\}$ is group w.r.t	A. Addition B. Multiplication C. Division D. Subtraction
7	Two quadratic equation in which xy term is missing and the coefficients of x^2 and y^2 are equal, give a linear equation by _____	A. Addition B. Subtraction C. Multiplication D. Division
8	If A and B are two sets then any subset R of $B \times A$ is called	A. relation on A B. relation on B C. relation from A to B D. relation from B to A
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. -1 B. 0 C. 1 D. None of these
10	If S and P are the sum and the product of roots of a quadratic equation, then the quadratic equation is	A. $x^2 + Sx - P = 0$ B. $x^2 - Sx + P = 0$ C. $x^2 - Sx - P = 0$ D. $x^2 + Sx + P = 0$
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
12	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
13	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1
14	Number of lines passing through three non-collinear points is	A. 2 B. 3 C. 1 D. 0 E. ∞
15	Identity w.r.t intersection in a power set of any set is	A. \emptyset B. Set itself C. Singleton set D. $\{0\}$
16	$w^73 =$ _____	A. 0 B. 1 C. w D. w^2
17	Domain of $2 \cos x$ is _____	A. $[-2, 2]$ B. \mathbb{R} C. Negative real numbers D. None of these

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Question Image

- C. $x^2 + 2x + c$
- D. $(x^2 + 2x - 1)^4 + c$

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The formula $a_n = a + (n-1)d$ for an A.P is called

- A. nth term of an A.P
- B. Sum of first n terms
- C. A.M between a and b
- D. None of the above

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Find the next two terms of 7, 9, 12, 16,...

- A. 18, 20
- B. 19, 22
- C. 20, 25
- D. 21, 27