

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Every prime number is also	A. Rational number B. Even number C. Irrational number D. Multiple of two numbers
3	Question Image	
4	Question Image	
5	$(n + 2) (n + 1) n =$ _____	
6	Question Image	A. Diagonal matrix B. Scalar matrix C. Triangular matrix D. Identity matrix
7	Two matrices A and B are conformable for the product AB if	A. Both A and B are square B. Both A and B are symmetric C. Number of rows of A = number of columns of B D. Number of columns of A = number of rows of B
8	The set of whole numbers is subset of	A. The set on integers B. The set of natural numbers C. $\{1, 3, 5, 7, \dots\}$ D. The set of prime numbers
9	The area bounded by $y = x(x^2 - 4)$ and below x - axis is	A. 4 B. 0 C. -4 D. 8
10	The first three terms in the expansion of $(1 - x)^{-3}$ are	A. $1 + 3x + 6x^2$ B. $1 - 3x + 6x^2$ C. $-3 - 3x - 6x^2$ D. $1 - 3x - 6x^2$
11	Question Image	
12	Question Image	A. A.P. B. G.P. C. H.P. D. None of these
13	$\forall x, y \in R$, either $x = y$ or $x > y$ or $x < y$ is	A. Transitive property B. Reflexive property C. Trichotomy property D. None of these
14	If $f(x) = x^2 - x$ then $f(0)$ is	A. 0 B. 1 C. 2 D. 3
15	Question Image	
16	The unit vector along y-axis is	D. none of these
17	Question Image	
18	The number of triplets (x, y, z) satisfying $\sin^{-1}x + \cos^{-1}y + \sin^{-1}z = 2\pi$ is	A. 0 B. 2 C. 1 D. Infinite
19	Question Image	A. I B. $ A $ C. $ A I$ D. None of these

