

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The position vector of a point (x, y) in xy plane is	D. none of these
2	Question Image	A. $n \leq 8/5$ B. $n \leq 5/8$ C. $ n \leq 8/5$ D. $ n \geq 8/5$
3	A chord passing through the centre of the circle is called	A. the secant of the circle B. the tangent of the circle C. the arc of the circle D. the diameter of the circle
4	$2x + 3y > 4$ is a linear inequality in	A. one variable B. two variables C. three variables D. none of these
5	All letters of the word "AGAIN" are permuted in all possible ways and the words so formed (with or without meaning) are written as in dictionary, then the 50th word is	A. NAAGI B. NAAIG C. IAANG D. INAGA
6	Question Image	D. none of these
7	a _____ quantity is one that possesses both magnitude and direction.	A. Scalar B. Vector C. Segment D. None of these
8	If the terminal rays of an angle falls on any axis then the angle is called	A. Allied angle B. Acute angle C. Standard position D. Quadrantal angle
9	Question Image	
10	If for two events A and B , $P(A \cup B) = 1$, then events A and B are	A. Certain events B. Mutually exclusive C. Complementary events D. Independent
11	Question Image	
12	What is the number of elements of the power set of { }	A. 0 B. 1 C. 2 D. 3
13	If $4 > b$ or $a < b$ than $a = b$ is a	A. Additive property B. Transitive property C. Trichotomy property of inequality D. None of above
14	Z is a group under	A. Subtraction B. Multiplication C. Addition D. None of these
15	If the graph of f is entirely below the x-axis, then the value of definite integral is	A. = 0 B. ≤ 0 C. ≥ 0 D. None
16	Question Image	
17	Question Image	A. 0 B. -1 C. 1
18	The domain of the principle cos function is	
19	Question Image	

