

Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
O.	Quodiono	A. 1
1	Question Image	B. 2 C. 3 D. 4
		A. Infinite set
2	The set {{a,b}} is	B. Singleton set C. Two points set
		D. None A. Unit matrix
3	Question Image	B. Diagonal matrix C. Nilpotent matrix
		D. Zero matrix A. An identity
4	A relation in which the equality is true only for some values of the unknown variable is called	B. An equation C. A polynomial D. Inverse function
5	If 2 Sin x Cos 2 x = Sin x then?	
6	The magnitude of a vector can never be	A. Zero B. Negative C. Positive D. Absolute
7	Which of the following is the subset of all sets?	B. {1, 2,3} D. {0}
8	Question Image	
9	Question Image	
10	Every prime number is also	A. Rational number B. even number C. Irrational number D. multiple of two numbers
11	Question Image	
12	The sum of the interior angles for a 16 sided polygon is	A. 4 pie B. 14 pie C. 8 pie D. 2 pie
13	Question Image	
14	If $f_1(x)$ and $f_2(x)$ are any two anti derivatives of a function F (x), then the value of $f_1(x)$ - $f_2(x)$ =	A. A variable B. A constant C. undefined D. infinity
15	Write the first four terms of the arithmetic sequence if a_1 = 5 and other three consecutive terms are 23,26,29	A. 23, 26, 29, 32 B. 5, 8, 11, 14 C. 8, 11, 14, 17 D. None of these
16	Which of the following integrals can be evaluated	
17	Question Image	A. n = 3 only B. n <u>></u> 5 C. n <u>></u> 3 D. n < 5
18	Question Image	A. An irrational number B. Whole number C. A positive integer D. A rational number
19	Question Image	D. None
		A. Sin a Cos b

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B. Sin a Sin b C. Sin a + Cos b D. Sin a - 2 Cos b