

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
2	Range of cosec x is _____	A. $\{-1, 1\}$ B. \mathbb{R} C. Negative real numbers D. $\mathbb{R} - \{x \mid -1 \leq x \leq 1\}$
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 0 B. 1 C. 2 D. 4
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
6	The set of all antiderivatives of $f(x)$ is the	A. Definite integral B. Indefinite integral C. Integral D. Area
7	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
8	If p and q are two statements then their conjunction is denoted by	
9	Domain of $\cos\theta$ is	A. Set of odd numbers B. Set of integers C. Set of real numbers D. Set of complex numbers
10	Which of the following is skew symmetric matrix	
11	If A is a subset of B and B contains at least one element which is not an element of A, then A is said to be	A. Improper subset of B B. Super set of B C. Proper subset of B D. None of these
12	The number of values of x in the interval $[0, 5\pi]$ satisfying the equation $3 \sin^2 x - 7 \sin x + 2 = 0$ is	A. 0 B. 5 C. 6 D. 10
13	If you are looking a bird in the tree from the ground then the angle formed is called angle of _____;	A. Elevation B. Depression C. Right angle D. None of these
14	The mid point of the line joining the points $P(x_1, y_1)$ and $Q(x_2, y_2)$ is	
15	If all members of a sequence are real numbers then it is called a	A. Series B. Function C. Real sequence D. Range
16	If $a(p+q)^2 + bpq + c = 0$ and $a(p+r)^2 + 2bpr + c = 0$, then qr equals	A. $\frac{p^2 - c}{a}$ B. $\frac{p^2 - c}{a} + \frac{a}{c}$ C. $\frac{p^2 - c}{a} + \frac{c}{a}$ D. $\frac{p^2 - c}{a} - \frac{c}{a}$
17	For graphing a linear inequality, solid line is drawn if the inequality involves the symbols:	A. $>$; or $<$; B. \geq ; or \leq C. $=$ or \neq D. $=$ or $>$;
18	The point of concurrency of the medians of a triangle is called	A. incentre B. circumcentre C. e-centre D. centroid
19	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $n!$ B. $0!$ C. 1 D. None of these

