

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
2	If x, y are two -ve distinct numbers then	A. $A > G > H$ B. $A < G < H$ C. $A = G = H$ D. None of these
3	A function of the form $p(x)/Q(x)$ is called:	A. Rational function B. Logarithmic function C. Exponential function D. Hyperbolic function
4	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
6	A die is thrown, the probability that the dots on the top are prime numbers or odd numbers is	A. $1/2$ B. $2/3$ C. $1/3$ D. $2/5$
7	A diagonal matrix is always	A. Identity B. Triangular C. Scalar D. Non-singular
8	Each complex cube root of unity is square of	A. itself B. 1 C. -1 D. the other
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
10	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Trichotomy property B. Additive property of inequality C. Transitive property D. Multiplicative property
12	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
13	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 1 B. -1 C. 0 D. None of these
14	$n(n - 1)(n - 2)$ in factorial form is	
15	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. $1 - 3x - 6x^2$
16	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
17	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. (x, y) B. (kx, y) C. (x, ky) D. (kx, ky)
18	What is the value of $\cos^{-1}(1/2)$?	A. $\pi/3$ B. $\pi/4$ C. $3\pi/2$ D. $\pi/6$
19	If $\underline{u} = 2a\mathbf{i} + \mathbf{j} - k$ and $\underline{v} = \mathbf{i} + a\mathbf{j} + 4k$ are perpendicular then $a =$	A. 4 B. $1/2$ C. 3 D. $4/3$
20	A line segment whose end points lie on a circle is called	A. the secant of the circle B. the arc of the circle C. the chord of the circle

