

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	<input type="text" value="Question Image"/>	
2	$\cos(3\pi/2 + \theta) = \underline{\hspace{2cm}}$;	A. $\sin\theta$ B. $\cos\theta$ C. $-\sin\theta$ D. $-\cos\theta$
3	The inclination of a line parallel to y-axis is	
4	The constant distance of all points of the circle from its centre is called the	A. Radius of the circle B. Secant of the circle C. Chord of the circle D. Diameter of the circle
5	If $a = [1,4,3]$ and $B = [2,-1,5]$ then the mid point M of AB is:	A. $[1, 1, 1.5]$ B. $[2, 2, 1.5]$ C. $[1.5, 1.5, 4]$ D. None of these
6	Union of the sets of rational and irrational numbers is called 6th set of	A. Natural numbers B. Real numbers C. Whole numbers D. Prime numbers
7	The harmonic mean between a and b is	
8	<input type="text" value="Question Image"/>	A. additive property B. multiplicative property C. additive identity D. multiplicative identity
9	<input type="text" value="Question Image"/>	
10	<input type="text" value="Question Image"/>	
11	<input type="text" value="Question Image"/>	A. The law of sines B. The law of tangents C. The pythagorus theorem D. None of these
12	The points $A(+1,-1), B(3,0), C(3,7), D(1,8)$ are vertices of	A. Square B. Parallelogram C. Rectangle D. Trapezium
13	The number of proper subset of $A = \{a.b.c.d\}$ is	A. 3 B. 6 C. 8 D. 15
14	The number of permutation that can be formed from the letters of the word OBJECT is	A. 700 B. 600 C. 720 D. 620
15	$f(x) = C$ is	A. identity function B. constant function C. linear function D. quadratic function
16	<input type="text" value="Question Image"/>	
17	The line $y = 2x + c$ is a tangent to the parabola $y^2 = 16x$ if c equals	A. -2 B. -1 C. 0 D. 2
18	if one root of the equation $ix^2 - 2(i + 1)x + (2 - i) = 0$ is $2 - i$ then the other root is	A. $-i$ B. $2 + i$ C. i D. $2 - i$
19	<input type="text" value="Question Image"/>	

- A. 0
- B. 1
- C. 3
- D. 9