

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	The point on $y^2 = 4ax$ nearest to the focus has its abscissae equal to	A. $-a$ B. a C. $a/2$ D. 0
3	Two quadratic equation in which xy term is missing and the coefficients of x^2 and y^2 are equal, give a linear equation by _____	A. Addition B. Subtraction C. Multiplication D. Division
4	If $f(x) = \cos x$ then $f(0)$ is	A. 0 B. 1 C. $1/2$
5	If A is an event then which of the following is true	A. $P(A) < 0$ B. $0 \geq P(A) \leq 1$ C. $P(A) > 0$ D. None
6	Question Image	
7	Question Image	A. -2 B. -1 C. 1 D. 2
8	Question Image	
9	Question Image	
10	Question Image	
11	In \mathbb{R} the number of identity element w.r.t '+' is	A. One B. Two C. Three D. Four
12	Question Image	
13	Question Image	A. $(a + b)c = ac + bc$ B. $a + b = b + a$ C. $(a + b) + c = a + (b + c)$ D. $a(b + c) = ab + ac$
14	Question Image	
15	Question Image	
16	The equation of the plane which bisects the line joining $(2, 3, 4)$ and $(6, 7, 8)$ is	A. $x + y + z - 15 = 0$ B. $x - y + z - 15 = 0$ C. $x - y - z - 15 = 0$ D. $x + y + z + 15 = 0$
17	Question Image	
18	Question Image	
19	Name the property used in $4 \times (5 \times 8) = (4 \times 5) \times 8$	A. Associative property of addition B. Associative property of multiplication C. Additive identity D. Multiplicative identity
20	Question Image	A. 0 B. 1 C. 13