

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	There are _____ types of rational fraction	A. Three B. Four C. Five D. Two
2	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Commutative law of multiplication B. Closure law of multiplication C. Associative law of multiplication D. Multiplication identity
3	If $f(x) = -x^3$ then $f(-2)$ is	A. -2 B. -4 C. -8 D. 8
4	Three right angles is the angle of measure	A. 270° B. 180° C. 90° D. $270'$
5	Domain of cosec x is _____	
6	The value of x for which the polynomials $x^2 - 1$ and $x^2 - 2x + 1$ vanish simultaneously is	A. 2 B. 1 C. -1 D. -2
7	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
8	A function in which the variable appears as exponent is called:	A. An identity function B. A logarithmic function C. an exponential function D. A rational function
9	Z is a group under	A. Subtraction B. Multiplication C. Addition D. None of these
10	If $f(x) = \tan x$ then $f(0)$ is	A. 0 B. 1 C. $1/2$
11	The position vector of the point P(a, b, c) is	
12	$i^2 =$	A. 1 B. 2 C. -1 D. 0
13	For all points (x,y) in third quadrant	A. $x > 0, y < 0$ B. $x > 0, y > 0$ C. $x < 0, y < 0$ D. $x < 0, y > 0$
14	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
15	A point (x,y) which satisfy a linear inequality in two variables form its	A. Solution B. Domain C. Range D. None
16	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
17	With usual notations $b^2 = a^2 + c^2 - 2ac \cos$ is called _____;	A. None of these B. Law of sines C. Law of cosines D. Law of tangents
18	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 110 B. 220 C. 1320 D. None of these

19 The probability that a slip of numbers divisible by 4 is picked from the slips of number 1,2,3,4,.....10 is

- A. $\frac{1}{5}$
- B. $\frac{2}{5}$
- C. $\frac{1}{10}$
- D. $\frac{3}{10}$

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- A. 360°
- B. 180°
- C. 90°
- D. None of these