

Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	A. A parabola B. An ellipse C. A hyperbola D. A circle
2	Question Image	
3	Question Image	
4	Question Image	A. 15 B. 15 i C. -15 i D. -15
5	Question Image	A. Conclusion B. Implication C. Antecedent D. Hypothesis
6	Question Image	A. 1 B. -1 C. -1/2 D. 1/2
7	Question Image	
8	Question Image	
9	The equations of the line thro' the point (2, 3, -5) and equally inclined to the axis are	
10	$\int x/\sin^2 x \, dx$ is equal to:	A. $x \cot x + \ln \sin x $ B. $-x \cot x - \ln \sin x $ C. $x \cot x - \ln \sin x $ D. $x \tan x - \ln \sec x $
11	The unit vector along z-axis is	D. none of these
12	Question Image	
13	Question Image	
14	Question Image	
15	$w^4 = ______$	A. 0 B. 1 C. w D. $w^{\sup>2</sup>}$
16	The differential equation representing the family of curves $y = A \cos(x + B)$, where A, B are parameters, is	
17	If $4 \sin^2 \theta = 1$, then values of θ are	
18	Question Image	
19	The solution set of the equation $4 \cos^2 x - 3 = 0$ is	D. none of these
20	Question Image	A. -3 B. -7 C. 1 D. 0