

Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
		VIIONGIO CHOICE
1	Question Image	
2	The equation of the normal to the circle $x^2 + y^2 = 25$ at(4, 3) is	A. $3x - 4y = 0$ B. $3x - 4y = 5$ C. $4x + 3y = 5$ D. $4x + 3y = 25$
3	Question Image	A. 1/2 B. 3/5
3	Recention in large	C. 4/5 D. 1
4	How many elements are in the sample space of two rolling dies	A. 6 B. 12 C. 18 D. 36
5	If $Z = (1,2)$, then $Z^{-1} = ?$	A. (0.2, 0.4) B. (-0.2, 0.4) C. (0.2, -0.4) D. (-0.2, -0.4)
6	Question Image	
7	Question Image	D. None
8	In Binomial Expansion the coefficients of the terms equidistant from beginning and end of the expansion are	A. Zero B. Same C. Equal to preceding term D. Equal to following term
9	If a cone is cut by a plane perpendicular to the axis of the cone, then the section is a	A. Parabola B. Circle C. Hyperbola D. Ellipse
10	Question Image	
11	The mid point of the line joining (-1, -3) to (3, -5) is	A. (1, 1) B. (1, -1) C. (2, -8) D. (1, -4)
12	Question Image	A. A + B B. C ² /AB C. A ² /BC D. B ² /AC
13	Question Image	
		A. 1
14	Question Image	B. 0 C2 D. 3
15	Which of the following is the equation of a line with slope 0 and passing through the point (4, 3)	A. X = 4 B. X = -4 C. Y = 3 D. Y = -6
16	Question Image	
17	Question Image	
-		A (2.0)
18	Which is in the solution set of $4x - 3y < 2$	A. (3, 0) B. (4, 1) C. (1, 3) D. None
19	Question Image	
20	A function E(v) is called even if	A. $F(x) = F(-x)$ B. $F(x) = F(-x)$