

Mathematics General Science Test Medium Mode

		A. 295
1	The term independent of x is the expansion $(x^3+1/x)^{12}$	B. 495 C. 395
		D. 722
0	2	A. Real and equal B. Real and distinct
2	Roots of the equation $9x^2$ - $12x + 4 = 0$ are	C. Complex D. None of these
	Outstian Image	D. None of these
3	Question Image	
4	Question Image	
	In a guadratic equation with leading on efficient 1, a student reads the so obtain the rests as	A. 6, 10 B6, -10
5	In a quadratic equation with leading co-efficient 1, a student reads the co-obtain the roots as - 15 and -4. The correct roots are	C. 8, 8
		D8, -8
		A. y2 =4ax B. x2=-4ay
6	y=-a is the equation of the directrix of	C. x2=4ay
		D. y2=-4ax
7	Question Image	
		A. A prime number B. An irrational number
8	Every natural number is	C. An integer D. An even number
9	For all points (x,y) in fourth quadrant	A. x > 0 , y < 0 B. x > 0 , y > 0
9	roi ali politis (x,y) ili toditti quadrant	C. x < 0 , y < 0 D. x < 0 , y > 0
10	Tan 30° =	
11	Question Image	
	European III and a second a second and a second a second and a second a second and a second and a second and	A (0 40)
12	The vertex of the graph of the quadratic function $f(x) = x^2 - 10$, is	A. (0 , -10) B. (-10,0)
12	The voltex of the graph of the quadratic full client (x) x2 io, io	C. (10,0) D. (0,10)
		A. 0
13	Question Image	B. 1
		C. 2
		D. none of these
14	Question Image	D. none of these
14	Question Image	
14	Question Image Question Image	A. x-axis B. y-axis
		A. x-axis
		A. x-axis B. y-axis C. z-axis D. None of these A. <span 0.95em;"="" font-size:="" style="font-size:</td></tr><tr><td></td><td></td><td>A. x-axis B. y-axis C. z-axis D. None of these A. a/sin A = b/sin B = c/sin
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18	Which of the following is a scalar.	B. magnetic field C. weight D. mass
19	Question Image	
20	1 ⁰ =	A. 360' B. 60" C. 60' D. 3600'