Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Name the property used in 4.1 + (-4.1) = 0	A. Additive inverse B. Multiplication inverse C. Additive identity D. Multiplication identity
2	Which of the following is a vector.	A. distance B. temperature C. energy D. acceleration
3	Question Image	A. parallel vectors B. perpendicular vectors C. concurrent vectors D. collinear vectors
4	The transport of a null matrix is	A. Row matrix B. Column matrix C. Square matrix D. Null matrix
5	The intercepts of the plane 2x - 3y + 4z = 12 on the co-ordinate axes are given by	A. 2, -3, 4 B. 6, -4, -3 C. 6, -4, 3 D. 3, -2, 1.5
6	If eccentricity of ellipse becomes zero then it takes the form of	A. A parabola B. A circle C. A straight line D. None of these
7	The perimeter of a sector of a central angle of measure 1 radian out off an are of length 35cm is	A. 35 cm B. 70 cm C. 140 cm D. 105 cm
8	Question Image	
9	The point which is closet to the focus of a parabola is:	A. vertex B. Chord C. Focus D. Directix
10	The term independent of x is the expansion $(x^3+1/x)^{12}$	A. 295 B. 495 C. 395 D. 722
11	$1^0=$ _____	A. 360' B. 60" C. 60' D. 3600'
12	The line y = 2 x + c is a tangent to the parabola $y^2=$ 16 x if c equals	A. -2 B. -1 C. 0 D. 2
13	Domain of tangent function is	
14	Question Image	A. 0 B. 3 C. 9 D. -3
15	Which one is quadrantal angle	A. 8181710° B. 2345° C. -8181180° D. -2344°
16	Q ∪ Q' =	A. Q B. Q' C. N D. R

17	What is range of the function g (x) =|x-3|?	A. [0 ,∞) B. (0 ,∞) C. (-∞ ,3] D. [0,∞)
18	There is no element common in	A. N and W B. E and W C. N and O D. Q and Q'
19	Question Image	A. x = f(y) B. y = f(x) C. x = f(x) D. y = f(y)
20	The identity element with respect to subtraction is	A. 0 B. 1 C. -1 D. Does not exist