Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Decimal part of irrational number is	A. Terminating B. Repeating only C. Neither repeating nor terminating D. Repeating and terminating
2	For a square matrix A, if A = At, then A is called	A. Matrix B. Transpose C. Symmetric D. Non-symmetric
3	A triangle which is not right angle is called _____ triangle	A. acute B. Obtuse C. Right D. Oblique
4	The 7th term of $(3^8 + 6^4x)^{11/4}$ is	A. -19217/3 x^6 B. 189/2 6^4x C. 2227/12 x^3 D. -19712/3 x^6
5	π is the ration of	A. Area of a circle to its diameter B. Area of a circle to its radius C. Circumference of a circle to its diameter D. Circumference of circle to its radius
6	Question Image	
7	Question Image	B. sin 2x + c C. -sin 2x + c
8	Question Image	
9	The null vector is regarded to be perpendicular to	A. Every vector B. In some cases C. Both a b D. None
10	If 3x4 +4x3+x5is divided by x+1 , which of the following is the remainder	A. 7 B. -2 C. 6 D. 1
11	Question Image	
12	The logic in which every statement is regarded as true or false and no other possibility is called	A. Aristotelian login B. Inductive logic C. Non-Aristotelian logic D. None of these
13	Vector additon is:	A. Commutative B. Associative C. Commutative and Associative D. None of these
14	Question Image	A. 8 C. 4 D. 64
15	Question Image	A. Trichotomy property B. Additive property of inequality C. Transitive property D. Multiplicative property
16	22.5°=_____	
17	The square of the distance between two points $P(x_1, y_1)$ and $Q(x_2, y_2)$ is	
18	the curve of the parabola $y^2 = -4ax$ is symmetric with respect to	A. x -axis B. y - axis C. Botha x and y- axis D. None of thes

19	Question Image	A. $-\csc^2 x$ B. $-\sec^2 x$ C. $- \csc x \cot x$ D. $\csc x$
20	When a selection of object is made without paying regard to the order of selection, it is called	A. Sequence B. Series C. Combination D. Permutation