Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	*P∉ A means*	A. Pis subset of A B. Pis an element of A C. P does not belongs to A D. A does not element of P
2	If a, b, c are in AP., a, b, c are in G.P. then A, m^2b, c are in	A. A.P. B. G.P. C. H.P. D. None of these
3	Question Image	
4	Domain of sin$\theta$is	A. Set of real numbers B. Set of complex numbers C. Set of natural numbers D. Set of even numbers
5	H.M. between 3 and 7 is	
6	Question Image	D. none of these
7	The distance of a moving particle at any instant t is x = 3t2 +1 then velocity of particle at t = 10 is	A. 50 cm/sec B. 60 cm/sec C. 61 cm/sec D. None of these
8	The process of finding the unknown elements in triangle is called the	A. solution of the triangle B. Mean differnece C. Engineering distance D. angle of depressin
9	If A is a set then any subset R of A x A is called	A. relation on A B. relation on B C. relation from A to B D. relation from B to A
10	If the terminal rays of an angle falls on any axis then the angle is called	A. Allied angle B. Acute angle C. Standard position D. Quadrantal angle
11	Question Image	A. 2 B. 4 C. 8 D. 16
12	Question Image	A. (x, y) B. (kx, y) C. (x, ky) D. (kx, ky)
13	Question Image	
14	Multiplicative inverse of 0 is	A. 0 B. 1 C. ±1 D. Does not exist
15	For any set B, BUB' is	A. Is set B B. Set B' C. Universal set D. None of these
16	Question Image	
17	A square matrix A for which A^t= A is called a	A. Column matrix B. Symmetric matrix C. Skew-symmetric matrix D. Row matrix
18	The coefficient of x^{10}in the expansion $(x^3+3/x^2)^{10}$is	A. 1700 B. 17023 C. 17027

		D. 17010
19	The point P (5,8) and the origin lie on the side of the line 3x+ 7y+ 15 =0	A. Same side B. P above and origin below C. Opposite side D. P below and origin above
20	If A and B are two matrices such that AB = B and BA = A then A2 + B2 =	A. 2 AB B. 2 BA C. A + B D. AB