Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	(a,b) +(-a,-b) =	A. (0,0) B. (a,b) C. (-a,-b) D. (1,1)
2	Question Image	
3	O is _____	A. A positive integer B. A negative integer C. A natural number D. An integer
4	The fifth term of an A.P. Whose first term is 5 and common difference is 3,is	A. 20 B. 17 C. 25 D. 30
5	Question Image	
6	Question Image	A. A B. B C. U D. None of these
7	Question Image	
8	Question Image	
9	2x = 3 is a conditional equation it is true for	A. 2 B. 3 C. 3/2 D. 2/3
10	The multiplicative inverse of 4 is	A. -4 B. -1/4 C. 1/4 D. 1
11	Multiplicative inverse of 0 is	A. 0 B. 1 C. ±1 D. Does not exist
12	A committee consists of 9 experts taken from three institutions A, B, and C, of which 2 are from, A, 3 form B and 4 from C. If three experts resign, then the probability that they belong to different institutions is	A. 1 / 729 B. 1 / 24 C. 1 / 21 D. 2 / 7
13	Question Image	A. From an empty set B. 1 C. 2 D. >2
14	Question Image	
15	The period of cot 8x is	A. π/10 B. 9π/7 C. π/9 D. π/8
16	Question Image	
17	There are 16 point in a plane, in which 6 are collinear. how many lines can be drawn by joining these points?	A. 10 B. 66 C. 71 D. 106
18	Sin 270° = _____	A. -1 B. 0 C. 1 D. Undefined
19	Question Image	A. 2

20	A triangle which is not right is called an _____ triangle	A. Acute B. Obtuse C. Oblique D. None of these