Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	(ABC)' =	A. CBA' B. CBA C. C'B'A D. C'B'A'
2	Question Image	
3	If f(x) = x^2then f(-2) is	A. -2 B. 2 C. 4 D. -4
4	20. 19. 18. 17= _____	
5	Question Image	A. 2 B. 1 C. 5 D. 0
6	Question Image	A. cos 2x B. 2 cos 2x C. 2 sin2x D. -2 cos2x
7	Sin 270° = _____	A. -1 B. 0 C. 1 D. Undefined
8	Question Image	
9	(a, b) + (-a, -b) =	A. (0,0) B. (a, b) C. (-a, -b) D. (1, 1)
10	Question Image	A. 1 B. 2 C. 3 D. 4
11	If x,y are two positive distinct numbers then	A. A>G>H B. A<G<H C. A=G=H D. None of these
12	Multiplicative inverse of 0 is	A. 0 B. 1 C. +-1 D. Does not exist
13	Question Image	A. -3 B. -7 C. 1 D. 0
14	√2 +√3 +√5) = (√2 +√3 +√5: this property is called	A. associative property w.r.t addition B. commutative property C. Closure property w.r.t addition D. Additive identity
15	If x+y+z+.....+2n = 2n+1-1 ∀ n ∈ W,then cube root of xyz is equal to	A. 1 B. 4 C. 2 D. 8
16	Two positive integers whose sum is 30 and their product will be maximum are	A. 12,18 B. 10,20 C. 15,15 D. 14,16
17	If w+w2 is a root of (x+1)(x+2)(x+3)(x+4) = k, then	A. k=0 B. k=1 C. k=w

		D. k=w2
18	Question Image	
19	If a≠ , b≠ 0 and|a=b|=|a-b|,then vectors a and b are:	A. Parallel to each other B. Perpendicular to each other C. Inclined at 60^o D. neither parallel nor perpendicular
20	Question Image	A. 8 B. 9 C. 10 D. 11