Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	sin (α+β) + sin (α-β)	A. 2 sinα cosβ B. sin (2α β) C. sinαcosα D. None of these
2	For each real number, there is a number which is its	A. Negative B. Possitive C. Opposite D. Similar
3	Question Image	A. I andII quadrants B. II and III quadrants C. II<span style="color: rgb(34, 34, 34); font-

		family: "Times New Roman"; font-size: 18px; background-color: rgb(255, 255, 248);">I andIVquadrants D. none of these
4	Question Image	
5	22.5°=_____	
6	Domain of sec$\theta$is	
7	The mid point of the line segment joining the points (a,b) and (b,a) is	
8	Tan 3x tan 2x-tan x is equal to	A. Tan x tan 2x tan 3x B. -tan x tan 2x tan 3x C. Tan x tan 2x - tan - tan x tan 3x - tan 2x tan 3x D. None of these
9	The solution of the quadratic equation x2 -7x + 10=0, is	A. 2 B. 5 C. 2,5 D. 7
10	Question Image	A. Imaginary B. Rational C. Irrational D. Real numbers
11	Question Image	
12	The equation of vertical asymptotes of y = cos ecx is	A. x = 0 B. y = 0 C. x =∞ D. y =∞
13	3.5+5.4=5.4+3.5 =8.9 this property of addition is called	A. additive identity B. assoclative property C. commulative property D. closure property
14	QUQ, =	A. N B. R C. W D. Z
15	The number of significant numbers which can be formed by using any number of the digits 0, 1, 2, 3, 4 but using each not more than once in each number is	A. 260 B. 356 C. 410 D. 96
16	Question Image	A. 0 B. -1 C. 1 D. -2
17	The no of term is the expansion of (a+x)n-1 is	A. n+1 B. n-1 C. n D. n-2
18	If distance between (3,b) and (0,0) is 3 then b = _____	A. 3 C. 9 D. 0
19	If the function y=2x -3, what is the preimage of 11?	A. 11 B. 7 C. 5 D. 2
20	Question Image	A. 0 B. 1 C. -1