Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	The exact degree value of the function sin-1(-√3/2) is	A. 70° B. 50° C. 90° D. 60°
3	If f(α) = b2 and g (c) =d where c=b2 then (gof)(a) is	A. α B. c C. b D. d
4	The law of cosines reduces to a2 +c2 =b2 for	A. α = 90° B. β = 90° C. γ = 90° D. α +β +γ =180°
5	Question Image	A. cos x B. sec x tan x C. sec^{2}x D. -cosec^{2}x
6	Question Image	D. none of these
7	Question Image	A. 6x - 2 + c B. x^3- x^2+ x + c C. 6x - x^2+ c D. 6x^3- x^2+ c
8	Sin 90° = _____	A. -1 B. 0 C. 1 D. Undefined
9	In R the right cancellation property w.r.t. addition is	
10	Question Image	
11	The general term of the A.P. is	A. a_1+ (n - 1) d B. n + (a_1- 1) d C. d + (n - 1) a_1 D. None of these
12	Question Image	A. 1 B. 0
13	Question Image	
14	Question Image	D. none of these
15	Three right angles is the angle of measure	A. 270° B. 180° C. 90° D. 270'
16	For each natural number n, n (n+1) is	A. an even B. an odd C. multiple of 3 D. Irrational
17	Which is in the solution set of 4x - 3y < 2	A. (3, 0) B. (4, 1) C. (1, 3) D. None
18	Roots of the equation 9x^2- 12x + 4 = 0 are	A. Real and equal B. Real and distinct C. Complex D. None of these
		A. 0

19	Question Image	B. 20 C. 90 D. 80
20	$i^9 =$	A. i^2 B. -1 C. 1 D. i