Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	tan270° =_____;	A. 0 B. 1 C. -1 D. Undefined
3	The sum of complex number (a,b) and (c,d) is	
4	(1, 1) is the in the solution of the inequality	A. 3x + 4y > 3 B. 2x + 3y < 2 C. 4x = 3y > 5 D. 2c - 3y > 2
5	x =r cosθ,y= sinθ are the parametric equations of	A. Circle B. Ellipse C. Parabola D. Hyoerbola
6	If n is any positive integer then 3 + 6 + 9 + ...+ 3n = _____	
7	A stationary point x is a relative exterma of y= f(x) is	A. f″ (x) > 0 B. f″ (x) < 0 C. f″ (x) ≠ 0 D. f″(x) = 0
8	Additive inverse of -a -b is	A. a B. -a + b C. a - b D. a + b
9	The exact value of $\cos^{-1}(-1) + \cos^{-1}(1)$ =	A. π B. -π C. π/2 D. π/3
10	Question Image	A. A prime number B. An integer C. A whole number D. An irrational number
11	Question Image	A. At B. -A C. A D. A-1
12	Question Image	C. ln f(x) + c D. f(x) - c
13	Question Image	
14	If y=f(x) is a function then x is called	A. dependent variable B. independent variable C. constant D. none of these
15	Question Image	
16	The general solution of tan 3x = 1 is	
17	Decimal part of irrational number is	A. Terminating B. Repeating only C. Neither repeating nor terminating D. Repeating and terminating
18	Gooch crucible is made of :	A. Brass. B. Porcelain. C. Bronze. D. Gold.
19	Question Image	
20	Question Image	