Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	The set of all antiderivaties of $f(= \int f(x)dx)$ is the	A. Definite integral B. Indefinite integral C. Integral D. Area
3	Question Image	
4	Question Image	
5	If $f(x) = -x^2$ then $f(-2)$ is	A. -2 B. 2 C. -4 D. 4
6	Given two independent event A and B such that $P(A) = 0.30$ and $P(B) = 0.60$. Probability of getting neither A nor B is	A. 0.28 B. 0.13 C. 0.12 D. 0.42
7	The velocity and acceleration at any point t of a particle which moves along straight line x = 5r-3	A. 5,3 B. 5,-3 C. 5,0 D. 10,0
8	Two quadratic equation in which xy term is missing and the coefficients of x^2 and y^2 are equal, give a linear equation by _____	A. Addition B. Subtraction C. Multiplication D. Division
9	For $f(x) = x2$, what is the value of $f(a) + f(-a)$ in terms of a?	A. 3a2 B. 2a2 C. 2a D. -7a
10	Question Image	
11	Question Image	
12	Question Image	A. y : x B. x : y C. -y : x D. -x : y
13	The sum of coefficients in the binomial expansion equals to	A. 2 B. 2^{n+1} C. 2^{n-1} D. 2^n
14	The synthetic division method is only used to divide a polynomial by	A. quadratic equation B. binomial C. linear equation D. monomial
15	Question Image	
16	Question Image	
17	Question Image	A. <i>π</i> B. <i style="text-align: center;">2π</i> C. <i style="text-align: center;">π/2</i> D. None of these
18	Question Image	
19	Question Image	A. cos 3x + c

| 19 | Question Image | B. - cos 3x + c |
| 20 | Question Image | |