Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The 26th term of the A.P -2,-4,10,.....is	A. 136 B. -136 C. 148 D. -148
2	Question Image	A. A,. B, C are coincident B. A, B, C are collinear C. Both A and B D. None of these
3	Question Image	A. (x, y) B. (kx, y) C. (x, ky) D. (kx, ky)
4	The distance of the point (2, -3) from x-axis is	A. -2 B. -3 C. 2 D. 3
5	The sum of the roots of the equation x2 -6x +2 = 0 is	A. -6 B. 2 C. -2 D. 6
6	The function ø(x) is ananti derivativeof function f (x),x∈Df if	A. ø′(x) =∫f(x)dx B. ø(x) =∫f(x)dx C. ø′(x) =f(x) D. ø(x) =∫′(x)dx
7	Question Image	
8	The equation of motion of a stone thrown vertically up wards is s = ut - 4.9$t^2$the maximum height attained by it =	
9	Express the perimeter P of square as a function of its area A?	A. P = 4√A B. P =√A C. P = 2A D. P =π√A
10	Question Image	A. 8 C. 4 D. 64
11	Question Image	
12	Question Image	A. Improper rational fraction B. Proper rational fraction C. Polynomial D. Equation
13	In a class of 100 students, 60 drink tea, 50 drink coffee and 30 drink both. A student from his class is selected at takes at last one of 2 drinks is	A. 2 / 5 B. 3 / 5 C. 4 / 5 D. None of these
14	Which of the following sets in infinite	A. The set of students of your class B. The set of all schools in Pakistan C. The set of natural numbers between 3 and 10 D. The set of rational numbers between 3 and 10
15	The equation of the directrix of the parabola x^2= 4ay is	A. x + a = 0 B. x - a = 0 C. y + a = 0 D. y - a = 0
16	How many types of an equation	A. 1 B. 3 C. 2 D. None
		A. (x-3)²+ (y+5)

17	The equation of the circle witch centre (-3, 5) and radius 7 is	²= 7² B. (x-3)²+ (y-5) ²= 7² C. (x+3)²+ (y+5) ²= 7² D. (x+3)²+ (y-5) ²= 7²
18	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
19	Question Image	
20	Question Image	