Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	The radius of the circle $(x-1)^2+ (y+3)^2= 64$ is	A. 8 C. 4 D. 64
2	Question Image	A. 1 B. 0 C. -2 D. 3
3	Which of the following is the equation of a line with slope 0 and passing through the point (4, 3)	A. X = 4 B. X = -4 C. Y = 3 D. Y = -6
4	Which is in the solution set of 4x - 3y < 2	A. (3, 0) B. (4, 1) C. (1, 3) D. None
5	Question Image	
6	If K_1: K_2= 1 : 1 then the point P dividing the line is	A. Midpoint B. Extreme left point C. Extreme Right Point D. P lies out side k₁and k₂
7	Question Image	
8	The values of n such that, in the binomial expansion of $(1 - x)^n$, co-efficient of x^2, co-efficient of $x^2$is 3, are	A. -2, -3 B. 2, -3 C. -2, 3 D. None of these
9	If n is a positive integer, then 3+6+9+ ----------+3n =	
10	If a statement S(n) is true for n = 1 and the truth of S(n) for n + K implies the truth of S(n) for S(n) = K + 1, then S(n) true for all	A. All Real numbers B. All integers C. Positive integers D. All complex numbers
11	Question Image	
12	Question Image	D. None of these
13	Question Image	B. -3/4 C. 1/16 D. 1/4
14	Question Image	
15	The number of ways in which we can courier 5 packets to 10 cities is	A. 2 x 5⁰ B. 5¹⁰ C. 10⁵ D. 2¹⁰
16	Question Image	A. Tan x B. X C. - x
17	The constant distance of all points of the cirlce from its centre is called the	A. Radius of the circle B. Secant of the circle C. Chord of the circle D. Diameter of the circle
18	The set of complex numbers forms a group under the binary operation of	A. Addition B. Multiplication C. Division D. Subtraction
19	Question Image	
		A. 6

20	How many elements are in the sample space of two rolling dies	B. 12 C. 18 D. 36