

Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	The nth term of of A.P:1,5,9,15,..... is given by	A. $4n - 3$ B. $4n + 1$ C. $3n - 4$ D. $4n + 3$
2	Question Image <input style="width: 600px; height: 20px;" type="text"/>	A. A < G < H B. A > G > H C. A < G > H D. A > G < H
3	Question Image <input style="width: 600px; height: 20px;" type="text"/>	
4	Question Image <input style="width: 600px; height: 20px;" type="text"/>	A. 15 B. $15i$ C. $-15i$ D. -15
5	Question Image <input style="width: 600px; height: 20px;" type="text"/>	
6	Question Image <input style="width: 600px; height: 20px;" type="text"/>	
7	The set $\{a,b\}$ is	A. Infinite set B. Singleton set C. Two points set D. None
8	The point $(-5, 3)$ is the center of a circle and $P(7, -2)$ lies on the circle. The radius of the circle is	A. 2 B. 13 C. 7 D. 8
9	Question Image <input style="width: 600px; height: 20px;" type="text"/>	A. $n = 3$ only B. $n <u>> 5$ C. $n <u>> 3$ D. $n < 5$
10	The value of the polynomial $3x^3 + 4x^2 - 5x + 4$ at $x = -1$ is	A. 12 B. 1 C. 10 D. -10
11	Question Image <input style="width: 600px; height: 20px;" type="text"/>	D. None of these
12	Question Image <input style="width: 600px; height: 20px;" type="text"/>	
13	Question Image <input style="width: 600px; height: 20px;" type="text"/>	A. 2 B. 1 C. 0
14	If the sum of the roots of $(a + 1)x^2 + (2a + 3)x + (3a + 4) = 0$ is -1 , then product of the roots is	A. 1 B. 2 C. -2 D. -1
15	Question Image <input style="width: 600px; height: 20px;" type="text"/>	
16	The equation of the line with gradient 1 passing through the point (h, k) is	A. $Y = x + k - h$ B. $Y = k/h x + 1$ C. $Y = x + h - k$ D. $Ky = hx - 1$
17	A point of a solution region where two of its boundary lines intersect, is called	A. Boundary B. Inequality C. Half Plane D. Vertex
18	The graph of a quadratic function is	A. Circle B. Ellipse C. Parabola D. Hexagon
19	Question Image <input style="width: 600px; height: 20px;" type="text"/>	A. An irrational number B. Whole number C. A positive integer

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Question Image