

Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. 1 B. 2 C. 3 D. 4
3	If you are looking a high point from the ground, then the angle formed is	A. Angle of elevation B. Angle of depression C. Right angle D. Horizon
4	The graph of a quadratic function is	A. Circle B. Ellipse C. Parabola D. Hexagon
5	Unit vector in the positive direction of x-axis is	D. All
6	Question Image	A. (0, e) B. (0, 1) D. None
7	120 degrees are equal to how many radians?	
8	Question Image	A. 0 B2 C. 1 D. 4
9	If ab > 0 and a < 0, which of the following is negative?	A. b Bb Ca D. (a - b) ²
10	Question Image	
11	The direction cosines of y-axis are	A. 1,0,0 B. 0,1,0 C. 0,0,1 D. 1,1,1
12	In the expansion of $(a + b)^n$ in every term the sum of the exponents of a and b is	A. n B. n + 1 C. 2n - 1 D. 2n + 1
13	In which quadrant is the solution of the equation $\sin x - 1 = 0$	A. Il quadrants B. Il and III quadrants C. III and IV quadrants D. I quadrant
14	Question Image	A. 1 B. 2 C. 3 D. 4
15	If a cone is cut by a plane perpendicular to the axis of the cone, then the section is a	A. Parabola B. Circle C. Hyperbola D. Ellipse
16	3/2 is	A. An irrational number B. Whole number C. A positive integer D. A rational number
17	Question Image	
18	A standard deck of 52 cards is shuffled. What is the probability of choosing the queen of the diamonds	A. 1/5 B. 1/13 C. 5/52 D. 1/52
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19	Question Image	D2-i
20	Question Image	A. A + B B. C ² /AB C. A ² /BC D. B ² /AC