

Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. Nilpotent matrix B. Singular matrix C. Non singular matrix D. Diagonal matrix
3	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
4	Question Image	A. 1 B. 2 C. 3 D. 4
5	Question Image	
6	If 4 - x > 5, then	A. x > 1 B. x > -1 C. x < 1 D. x < -1
7	0 (Zero) is	A. An irrational number B. A rational number C. A negative integer D. A positive number
8	Which of the vectors have opposite direction?	D. Both A and B
9	Question Image	A. 15 B. 15 i C15 i D15
10	Question Image	D. None
11	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
12	Question Image	A. Unit matrix B. Diagonal matrix C. Nilpotent matrix D. Zero matrix
13	Question Image	D. None of these
14	In 30,60,90 triangle, if the smallest side is 6 then the side opposite to the angle of 60° is	A. 12 B. 3 D. 6
15	If α and β be irrational roots of a quadratic equation, then	
16	Question Image	A. A + B B. C ² /AB C. A ² /BC D. B ² /AC
17	The complement of set A relative to universal set U is the set	D. A - U
18	Sin x + Cos x = 1 x =	
19	Question Image	
20	Question Image	