

Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. $p \leq r$ B. $p > r$ C. $p + r \leq 0$ D. $p - r \leq 0$
3	Question Image	A. Unit matrix B. Diagonal matrix C. Nilpotent matrix D. Zero matrix
4	Every prime number is also	A. Rational number B. even number C. Irrational number D. multiple of two numbers
5	The nth term of of A.P:1,5,9,15,..... is given by	A. $4n - 3$ B. $4n + 1$ C. $3n - 4$ D. $4n + 3$
6	If $f_1(x)$ and $f_2(x)$ are any two anti derivatives of a function $F(x)$, then the value of $f_1(x) - f_2(x) =$	A. A variable B. A constant C. undefined D. infinity
7	Question Image	
8	Which of the following integrals can be evaluated	
9	If the sum of the roots of the equation $ax^2 - 2x + 2a = 0$ is equal to their product, then the value of a is	A. 1 B. 2 C. 3 D. 4
10	Question Image	D. None
11	A line segment whose end points lie on a circle is called	A. The secant of the circle B. The arc of the circle C. The chord of the circle D. The circumference of the circle
12	Question Image	
13	If in isosceles right angled triangle, one side is a then hypotenuse is	C. a D. cannot be determined by given information
14	Question Image	
15	The sum of the interior angles for a 16 sided polygon is	A. 4 pie B. 14 pie C. 8 pie D. 2 pie
16	Question Image	A. 0 B. 1 C. -1 D. 2
17	If the 19th term of A.P is 8 and the 4th term is 20, then the first term is	A. 20.2 B. 25.5 C. 27.5 D. 37.5
18	Question Image	A. Free vector B. Null vector C. Unit vector D. None of these
19	Question Image	D. None
20	Question Image	

