Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The first three terms in the expansion of $(1 - x)^{-2}$ are	A. 1 - 2x + 3x² B. 1 - 2x - 3x² C. 1 + 2x + 3x² D. -2 - 2x +3x²
2	A point of a solution region where two of its boundary lines intersect, is called	A. Boundary B. Inequality C. Half plane D. Vertex
3	Question Image	D. None of these
4	Question Image	
5	Five engineering, four mathematics, two chemistry books are placed on a table at random.The probability that the books of each kind are all together is	
6	Every set is an improper subset of	A. Empty set B. Equivalent set C. Itself D. Singleton set
7	If P is a whole number greater than 1, which has only P and I are factors. Then P is called	A. Wholw number B. Prime number C. Even number D. Odd number
8	Question Image	
9	If p and q are two statements then their conjunction is denoted by	
10	Question Image	
11	Question Image	B. 6x + 2 + c C. 6x + x²+ c D. 6x³+ x²+ x
12	The number of arbitrary constants in the general solution of a differential equation is equal to the different equation	A. Order B. Degree C. Variables D. All are correct
13	Period of 2 cos x is _____	
14	Question Image	A. Parallel to the plane B. At right angles to the plane C. Lies in the plane D. Meet the plane obliquely
15	A quadrilateral whose diagonals are perpendicular bisector of each other is	A. Square B. Rectangle C. Rhombus D. Parallelogram E. Trapezium
16	i^3 =	A. -1 B. i C. -i D. 1
17	Question Image	
18	A fixed point which lies on the axis of the cone is called its:	A. axis B. apex C. plane D. diameter
19	If sin A = cos A, 0°<A<90° then A is equal to	A. 1 B. 1/2 C. 0 D. None of these

20	Question Image