

GAT Subject Mathematics

Sr	Questions	Answers Choice
1	The differential equation (x+y-10) dx-y(y-x+2)dy = 0 is:	A. Linear B. Exact C. Homogeneous D. None of these
2	{0} is a	A. Empty set B. Singleton set C. Zero set D. Null set
3	A relation between two quantities is called if an increase /decrease in one quantity causes an increase/ decrease in other quantity.	A. Direct Proportion B. Integer C. Prime number D. Ratio
4	Area of a figure is a measure of the surface or part enclosed by that figure.	A. Geometric B. Open C. Closed D. Circular
5	No group of order 28 can have subgroup of order:	A. 7 B. 11 C. 14 D. Non of these
6	The point where the axis meets the parabola is called:	A. Directrix B. Focus C. Chord D. Vertex
7	A general solution of 4th order differential equation contains:	A. 2 constants B. 3 constants C. 4 constants D. no constants E. None of these
8	2.305 + 1.3479 =	A. 4 B. 3.6529 C. 3.2 D. 4.2
9	Every rhombus is a	A. Parallelogram B. Square C. Quadrilateral D. Trapezium
10	The last year premium in insurance is always.	A. Maximum B. Zero C. Total Amount D. Minimum
11	The number formed by expanded form 300000 + 10000+40 +7:	A. 3147 B. 310047 C. 31047 D. 3010470
12	A group (G,*) is a abelian group is * is:	A. associative B. commutative C. unique D. closed
13	"Thirty thousand and twelve " in numeral form is :	A. 300012 B. 30012 C. 3000012 D. 3012
14	Waqas Younis got average wickets n the World Cup played in South Africa.	A. 20.8 B. 25.8 C. 30.5 D. 32.3
15	Shifting origin to (1,-2) the new coordinates of (4,5) are:	A. (3,7) B. (5,3) C. (-3,7)

		D. (3,-7)
16	The numbr of elements of power set of { } are.	A. 1 B. 2 C. 0 D. 3
17	The power set of {0,4} is:	A. {},{0},{4},{0,4} B. {{},{0},{4}},{0,4} C. {{ Φ },{0},{4},{0,4}} D. {{},{4},{0,4}}
18	The Numeral form of "seventeen billion eight hundred fifty million seven thousand nine hundred and seventy nine ", is:	A. 17,85,007,979 B. 17,850,079,79 C. 17,850,007,979 D. None of these
19	A person buys a car and sells it at half price, his loss in percentage is:	A. 0% B. 25% C. 50% D. 75%
20	Every is a quadrilateral .	A. Rectangle B. Square C. Trapezium D. Rhombus