

GAT Subject Mathematics

Sr	Questions	Answers Choice
1	Roman number XLVI equals to decimal number:	A. 47 B. 46 C. 66 D. 56
2	For any square matrix A, the matrix A-A' is always:	A. symmetric B. skew-symmetric C. Hermitain matrix D. skew-Hermitain matrix
3	If the vertex of the parabola is the origin and directrix is $x + 5 = 0$, then its latus rectus is:	A. 10 B. 5 C. 0 D. 20
4	If the radial and transverse velocities of a particle be non-zero constants, then the path described by the particle is:	A. All ellipse B. A spirial C. A circle D. None of these
5	Square root of 0.0001 is:	A. 0.1 B. 0.01 C. 0.001 D. 0.0001
6	The number of times a value occur in a data is called:	A. Frequency B. Mean C. Median D. Mode
7	Two angles, whose sum of measures is 90° are called: _____	A. Quadrilateral B. Complementary angles C. Common vertex D. Parallel lines
8	Every set of particle has	A. More than two centres of mass B. One and only one centre of mass C. Two centres of mass D. None of these
9	The greatest number formed by digits, 1,5,6,2,7,0,8 is:	A. 8765120 B. 8725610 C. 8762510 D. 8765210
10	Which of the following statements is not true?	A. The set $S=\{0,1\}$ has exactly two accumulation points B. any sequence has a unique limit C. There exists a sequence of rational numbers that has an irrational limit D. None of these
11	The last year premium in insurance is always.	A. Maximum B. Zero C. Total Amount D. Minimum
12	If 5 labourers earn Rs.2000 in 8 days then how much 3 labourers wil earn in 12 days:	A. Rs.6000 B. Rs.4800 C. Rs.3600 D. Rs.1800
13	In roman numerals, no symbol is written after one another in more than:	A. two times B. three times C. four times D. six times
14	If the sum of three numbers is 93, then the average of numbers, is:	A. 21 B. 22 C. 31 D. 51

A. Parallel

- 15 In a histogram the value of the frequencies are represented _____ to horizontal axis:
B. Perpendicular
C. Oblique
D. Circular
-
- 16 if A is a matrix of order 3x3 and 1 is an identity matrix of order 3x3, then AI =
A. A
B. 1
C. Not Possible
D. A-1
-
- 17 The equation of the line through (-8,5) having slope undefined is:
A. $y+8=0$
B. $y=8$
C. $y = x + 8$
D. $x + 8 = 0$
-
- 18 Every rhombus is a _____
A. Parallelogram
B. Square
C. Quadrilateral
D. Trapezium
-
- 19 The written price of an article is Rs.900. IF 20% Commission is allowed on the written price. The amount of commission will be:
A. 180
B. 280
C. 920
D. 200
-
- 20 To find the complement of set a, which set is necessary?
A. Natural number
B. whole number
C. Universal
D. Set B