

## ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	The sum of probability of success and probability of failure in a binomial probability distribution is always	A. Zero B. One C. Less than 1 D. Greater than 1
2	The index numbers are calculated in	A. Decimal B. Ratios C. Percentages D. Option "A" and "B"
3	The difference between the highest and lowest values in a population is called	A. Range B. Variance C. Mean deviation D. Standard deviation
4	A set of data depending on the time is called	A. Histogram B. Histogram C. Time series D. None of these
5	Sum of absolute deviations are minimum if computed from	A. Mean B. Median C. Mode D. Range
6	The base period in fixed base should be	A. A normal year B. Average of normal years C. Any year D. None of these
7	Level of satisfaction is	A. Continuous B. Discrete C. Population D. Qualitative
8	A computer stores instructions in	A. English language B. Octal Number System C. Binary Number System D. Decimal Number System
9	Computer memory	A. Performs all calculations B. Receives input data C. is extremely limited D. is better than human memory
10	The frequency of classes of the highest order are called	A. Consistence of frequencies B. Ultimate class frequencies C. Independence of attributes D. None of these
11	In the study of two attributes, $(B) =$	A. $(A \times B) + (A \times \alpha B)$ B. $(AB) + (A \times \alpha B)$ C. $(B) + (A \times \alpha B)$ D. $(AB) + (A \times \alpha B) + (A \times \alpha \alpha B)$
12	In data of birth's and death'd and epidemics as a result of advancement in medical sciences, the secular trend is usually	A. a downward tendency B. zero tendency C. an upward tendency D. None of these

13	A collection of eight bits is called	A. Byte B. Word C. Record D. File
14	If the critical region is located equally in both tails of the sampling distribution of test statistic, the test is called a	A. Two tailed test B. One tailed test C. Right tailed test D. Left tailed test
15	The probability distribution of a discrete random variable can be described with the help of a two	A. Rows table B. Column table C. Circles D. Curves
16	The height of students, between 5.0 and 5.9 feet, is an example of	A. Discrete variable B. Continuous variable C. Constant D. Parameter
17	The Classes $A\bar{B}$ , $\alpha B$ , etc. are called	A. Positive classes B. Negative classes C. Negative of A and B D. Contrary classes
18	The _____ is a systematic component of variation in a time series.	A. Histogram B. Signal C. Noise D. Time period
19	1 GHz equals to	A. 1024 Hz B. $10^{4}$ MHz C. $10^{2}$ MHz D. 1024 MHz
20	The results obtained by rolling a die, is an example of	A. Infinite population B. Finite population C. Option A & B D. None of these