ECAT Pre General Science Statistics Online Test

Sr	Questions	Answers Choice
1	Which of the following is not a hardware	A. Compiler B. CPU C. Chip D. Memory unit
2	A computer can execute	A. a flow chart B. a program C. an algorithm D. all of the above
3	A computer stores instructions in	A. English language B. Octal Number System C. Binary Number System D. Decimal Number System
4	Computer memory	A. Performs all calculations B. Receives input data C. is extremely limited D. is better than human memory
5	A collection of eight bits is called	A. Byte B. Word C. Record D. File
6	The CPU of a digital computer consists of	A. ALU B. Main memory C. Control unit D. All of the above
7	Computer means	A. Complete B. Processing C. Data D. Calculate
8	The main function of a computer is	A. Data storage B. Speed C. Data Processing D. None of these
9	The unit of frequency is	A. Hertz B. Bytes C. Mega bytes D. None of these
10	The number of pulses generated is one second is called _____	A. Accuracy B. Frequency C. Hertz D. Data
11	_____ is a measure of number of vibration per second	A. Frequency B. Speed C. Hertz D. Bytes
12	Number of instructions processed in one second is called _____ of computer	A. Accuracy B. Speed C. Frequency D. None of these
13	A combination of characters, numbers and symbols for specific purpose is called	A. Bytes B. Data C. MB D. None of these
14	1 GHz equals to	A. 1024 Hz B. 10⁴MHz C. 10²MHz D. 1024 MHz
15	Exponential smoothing requires	A. Past values of the time series B. Current values of the time series C. Both past and current values of the time series

		D. Estimation of a time trend regression
16	Time series analysis is used to analyze data	A. Over different time periods B. Across different companies C. Across different companies and across different time periods D. That are qualitative
17	Which one of the following is an example of seasonal variation	A. An increase in consumption of electricity in summer B. A steel strike, delaying production for a week C. A continually increasing demand for smaller automobiles D. None of these
18	A fire in a factory delaying production for 3 weeks is an example of	A. Seasonal variation B. Secular Trend C. Cyclical fluctuations D. Irregular Movements
19	The cyclical fluctuations are	A. Long term oscillation B. Short term oscillation C. Secular oscillation D. None of these
20	The seasonal variations are	A. Long term movements B. Short term movements C. Cyclical fluctuations D. Secular trend
21	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
22	A _____ is a line or curve that shows the general tendency of a time series.	A. Historigram B. Seasonal variation C. Secular Trend D. None of these
23	A set od data depending on the time is called	A. Historigram B. Histogram C. Time series D. None of these
24	A time series of annual data can contain which of the following components	A. Secular Trend B. Cyclical fluctuation C. Seasonal variation D. (A) and (B) only
25	The graph of the time series is called	A. Histogram B. Pie chart C. Bar diagram D. Historigram
26	Which of the following would likely be a seasonal component of a time series	A. Holidays B. Population growth C. Law suits D. None of these
27	Which of the following would likely be a trend component of a time series	A. Population growth B. Law suits C. Holidays D. Recessions
28	The _____ is an irregular component of variation in a time series	A. Signal B. Noise C. Response D. None of these
29	The _____ is a systematic component of variation in a time series.	A. Historigram B. Signal C. Noise D. Time period
30	In the study of two attributes, (B) =	A. (Aβ) + (αB) B. (AB) + (Aβ) C. (B) + (<span style="color: rgb(34, 34, 34); font-family: arial, sans-serif;

font-size: small;">β)
D. (AB) + (αβ)