# EXL Data Analyst training : Test 1 – 50 Marks : 90 Minutes

1. Which companies are widely using Analytics in their day to day business
1.Amazon 2. Google 3.Visa 4.All of them
ANS :

2. Descriptive Statistics gives conclusion about a
1.Sample 2.Mean 3.Population 4.None of them
ANS :

3. Which of the below are not a part of Central Tendency measure
1.Mean 2.Skewness 3.Median 4.Mode
ANS :

4. Lack of symmetry is called as
1. Skewness 2.Kurtosis 3.Vatiance 4.Quartile
ANS :

5. Quartile divided data in to how many parts
1. One 2.Two 3.Three 4.Four
ANS :

6. Skewness of Symmetric distribution is
1. Positive 2. Negative 3.Zero 4. Infinity
ANS :

7. If the tail is towards the right side then my distribution is "_____" Skewed ?
1. Negative 2. Positive 3.Zero 4. Infinity
ANS :

8. Range is
1. Max - Min 2.Max+Min 3.Max*Min 4. Max/Min
ANS :

9. Bimodal distribution has
1. No Mode 2.1Mode 3.3Modes 4. 2Modes
ANS :

10. If Q1 = 10 & Q3 = 15, The IQR is
1. Half 2.Three 3.Five 4. Ten
ANS :

11. Each part of Percentile is called as
1. Tertile 2.Centile 3.Quintile 4. Unitile
ANS :

12. What percentage of data will be between Q2 & Q3
1. 25% 2.50 % 3.75% 4. 12.5%
ANS :

13. Variance will be in "_____" Units
1. None of these 2.Cubic 3.No units 4. Squared
ANS :

14. Class Midpoint is also called as
1.Class Number 2.Class Digit 3.Class Mark 4.Class Point
ANS :

15. Range / No of Classes is
1.Class Mark 2.Class Interval 3.Class Area 4.Class Data
ANS :

16. Individual Class Freq / Total Class Freq is
1.Relative Freq 2.Cumulative Freq
3.Partial Freq 4.Running Freq
ANS :

17. What is the outcome of an Experiment
1. Range 2.Probability 3.Median 4.Event
ANS :

18. Total Possibilities of having Black,White & Blue cars of petrol or diesel with 3 interior design choices is.
1. One 2.Nine 3.Eighteen 4.Eight
ANS :

19. Conditional Probability will have " _____ " of possible outcomes in the Denominator
1. All 2.Sub-Total 3.None 4. Full Total
ANS :

20. How many combinations will I get if I want to select 3 employees out of 16 to send them abroad ?
1. [560] 2.[120] 3.[48] 4. [3]
ANS :

21. Discrete Random Variables are
1. Freezable 2.Measurable 3.Meltable 4.Countable
ANS :

22. Poisson Dist is used in case of "____" Event
1. No 2.Consistent 3.Rare 4.Frequent
ANS :

23. Standard Deviation is square root of
1. Mean 2.Variance 3.Probability  4. IQR
ANS :

24. Running total of Freqencies is also called as
1.Cumulative Freq 2.Relative Freq 3.Partial Freq
4.Running Freq
ANS :

25. Chart that gives you the decreasing order of
the events occourance is called as
1. Pie  2.Ogive  3.Histogram 4.Pareto
ANS :

26. How can we " Describe the Data " , Explain the 3 different Measures that are used to describe the data in detail.

27.Explain the characters of Binominal and Poisson Distribution and also mention their formulas to calculate the Mean, variance, Standard Deviation &Probability function P(X)

28. The U.S. Bureau of Labor Statistics publishes data on the benefits offered by small companies to their employees. Only 42% offer retirement plans while 61% offer life insurance. Suppose 33% offer both retirement plans and life insurance as benefits. If a small company is randomly selected, determine the following probabilities:

a. The company offers a retirement plan given that they offer life insurance.
b. The company offers life insurance given that they offer a retirement plan.
c. The company offers life insurance or a retirement plan.
d. The company offers a retirement plan and does not offer life insurance.
e. The company does not offer life insurance if it is known that they offer a retirement plan.