1. Data Analysis is a process of?

A. inspecting data  
B. cleaning data  
C. transforming data  
D. All of the above

View Answer

Ans : D

Explanation: Data Analysis is a process of inspecting, cleaning, transforming and modeling data with the goal of discovering useful information, suggesting conclusions and supporting decision-making.

2. Which of the following is not a major data analysis approaches?

A. Data Mining  
B. Predictive Intelligence  
C. Business Intelligence  
D. Text Analytics

View Answer

Ans : B

Explanation: Predictive Analytics is major data analysis approaches not Predictive Intelligence.

3. How many main statistical methodologies are used in data analysis?

A. 2  
B. 3  
C. 4  
D. 5

View Answer

Ans : A

Explanation: In data analysis, two main statistical methodologies are used Descriptive statistics and Inferential statistics.

4. In descriptive statistics, data from the entire population or a sample is summarized with ?

A. integer descriptors  
B. floating descriptors  
C. numerical descriptors  
D. decimal descriptors

View Answer

Ans : C

Explanation: In descriptive statistics, data from the entire population or a sample is summarized with numerical descriptors.

5. Data Analysis is defined by the statistician?

A. William S.  
B. Hans Peter Luhn  
C. Gregory Piatetsky-Shapiro  
D. John Tukey

View Answer

Ans : D

Explanation: Data Analysis is defined by the statistician John Tukey in 1961 as "Procedures for analyzing data.

6. Which of the following is true about hypothesis testing?

A. answering yes/no questions about the data  
B. estimating numerical characteristics of the data  
C. describing associations within the data  
D. modeling relationships within the data

View Answer

Ans : A

Explanation: answering yes/no questions about the data (hypothesis testing)

7. The goal of business intelligence is to allow easy interpretation of large volumes of data to identify new opportunities.

A. TRUE  
B. FALSE  
C. Can be true or false  
D. Can not say

View Answer

Ans : A

Explanation: The goal of business intelligence is to allow easy interpretation of large volumes of data to identify new opportunities.

8. The branch of statistics which deals with development of particular statistical methods is classified as

A. industry statistics  
B. economic statistics  
C. applied statistics  
D. applied statistics

View Answer

Ans : D

Explanation: The branch of statistics which deals with development of particular statistical methods is classified as applied statistics.

9. Which of the following is true about regression analysis?

A. answering yes/no questions about the data  
B. estimating numerical characteristics of the data  
C. modeling relationships within the data  
D. describing associations within the data

View Answer

Ans : C

Explanation: modeling relationships within the data (E.g. regression analysis).

10. Text Analytics, also referred to as Text Mining?

A. TRUE  
B. FALSE  
C. Can be true or false  
D. Can not say

View Answer

Ans : A

Explanation: Text Data Mining is the process of deriving high-quality information from text.