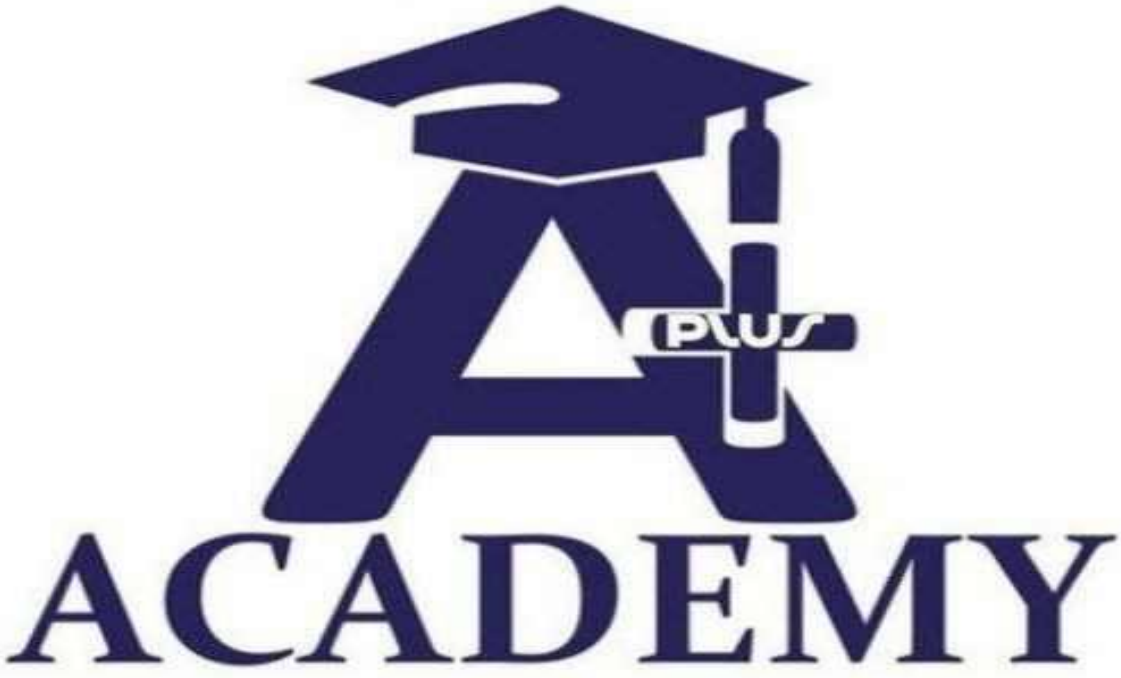


Join us on Telegram

@Aplusacademyy

@Aplusacademyy

Emerging MID EXAM

14 December 2022

45: Minutes

25 %

Part I. Write true if statement is correct or false if statement is wrong (5%).

1. Information is representation of facts, concepts, or instructions in a formalized manner.

2. Meta data is one of the most important elements for Big Data analysis and big data solutions.

3. The primary goal of HCI is to improve the interaction between computers to computers

4. A much bigger percentage of I the data in our world is semi-structured data.

5. Hadoop is an open-source framework intended to make interaction with big data easier.

Part II. Choose the best answer from the given alternative (15%)

1. Which one of the following can't be considered as the key features of Hadoop?

A. Reliability

B. Flexibility

C. Low Scalability

D. Economical

2. Which one of the following is not inventions of industrial revolution

A. Telegraph

B. Airplane

C. Sewing machine

D None

3. Which one of the following industries provide a service like teaching and nursing?

A. Primary industry

B. Secondary industry

C. Tertiary industries

D. Quaternary industry

4. Which of the following data type used to store a combination of characters and numbers?

A. Int **B. char** **C. string** **D.float**

5. In a set of video records, describe when and where the video was taken. This is called

A. Metadata

B. Information

C. Big data

D. Data type

6. Which one of the following data is unstructured Data?

A. Excel files

B. XML

C. video files

D. All

7. The step where data is prepared in some convenient form for processing is called

A. input

B. Processing

C.output

D. none

8. In which big data characteristics, data comes in many different forms from sources happened is known as

A. velocity

B. veracity

C. Volume

D.Variety

9.....is the stage of transition to new manufacturing processes.

A. First industrial revolution

B. Second industrial revolution

C. Third industrial en

D. Fourth industrial revolution

10.....is a blanket term for the non-traditional strategies and technologies coded to gather, organize, process, and gather insights from large datasets

C. Data type

B. Big data

A. Hadoop

D. All

Part III. Short answer: write clearly and neatly unless your answer is invalid (9%).

1. Compare and contrast data and Information with example. (1.5 pt)

2. List down data value chain? (1.5 pt)

3. List and explain common types of data types from Data Analytic perspective. (2p)

Bonus (1 pt): Write at list 4 Future Trends in Emerging Technologies.