Computer Science 9th Class English Medium Chapter 9 Online Test

Sr	Questions	Answers Choice
1	What is the primary challenge associated with traditional data processing techniques when dealing with big data.	A. Lack of storage capacity B. Limited availability of data visualization tools C. Inability to handle diverse data types and large volumes D. Slow processing speed
2	Which of the following best describes the concept of big data.	A. Data that is stored in traditional databases B. Data that is too small to be analyzed effectively C. Data that is characterized by high volume, velocity and variety D. Data that is only generted by social media platforms
3	Which big data technlogy is commonly used to store and preocess large datasets in a distributed manner?	A. SQL databases B. Relational databases C. Hadoop D. Data warehouses
4	What is the role of domain knowledge in data sciecne.	A. writing code for data analysis B. Visualizing data C. Understanding the specific context of data D. conducting staticial tests
5	Which of the following key concepts involves transforming raw data into a structured format that is suitable fof analyis.	A. Data ethics B. Data modeling C. Data exploration D. Data collection
6	In the context of bign data what does the 3 Vs refer to?	A. Varacity velocity, veracity B. Variety, velocity, volume C. Volume, value, velocity D. Validity, variety, volume
7	How does data sciecne add value to bing data.	A. By creating more data B. By extracting insights and predictions from data C. By making data storage more efficient D. By ensuring data quality and consistency
8	Which is one of the key applicatins of big data in business.	A. Artistic creativity B. Weather foreacing C. Customer behavior analysis D. Social media management
9	Which of the following is not one of the characteristics of bign data.	A. Veracity B. Validity C. Volume D. Velocity
10	Which of the following is an example of interval scaled attribute.	A. Age B. Weight C. Temperature in Celsius D. Hight
11	Which type of data attibute represents categories with a specific order but inconsistent intervals between them?	A. Nominal B. Binary C. Ordinal D. Interval
12	What is the primary purpose of data visualization iln data sciecne?	A. Data Collection B. Data modeling C. Extracting insights D. Data exploration