

Exam : Introduction to IT

Title : WGU Introduction to IT

Version : DEMO

1.What is a component of IT infrastructure?

- A. Networks
- B. Printer
- C. People
- D. Data

Answer: A

Explanation:

- Verified **Answer** A component of IT infrastructure is networks.
- Networks play a crucial role in connecting various elements of an IT system, enabling communication and data exchange.
- Therefore, the correct answer is A. Networks.

2.Which IT role is responsible for installing new hardware and troubleshooting existing hardware?

- A. Web administrator
- B. Network administrator
- C. Security administrator
- D. System administrator

Answer: D

Explanation:

- System administrators manage the upgrade and installation of new hardware and software, perform troubleshooting to address any problems with computer systems, and assess viruses and potential threats to a company's network¹.

Therefore, the correct answer is D. System administrator.

3.In which generation of computers were vacuum tubes used as one of the hardware components?

- A. First
- B. Second
- C. Third
- D. Fourth

Answer: A

Explanation:

- Verified Answer Vacuum tubes were used as one of the hardware components in the first generation of computers.
- The first-generation computers, developed between 1946 and 1959, relied on vacuum tubes for their circuitry. These vacuum tube computers paved the way for electronic computing.

4.How does high-level programming language differ from low-level language?

- A. The high-level code is written by translating it to machine language.
- B. The high-level code is written using words from the English language.
- C. The high-level code is written in machine language.
- D. The high-level code is written at the binary level.

Answer: B

5.Why are businesses beginning to use big data?

- A. To integrate vast amounts of electronic data into analysis in order to gain insight for better decision making
- B. To store enormous amounts of paper documents and electronic data in databases and data warehouses for future analysis
- C. To connect a myriad of devices to the Internet and allow these devices to logically interact with one another
- D. To collect large amounts of data from various sources, both external and internal, both paper and electronic

Answer: A

Explanation:

- Businesses are beginning to use big data to integrate vast amounts of electronic data into analysis in order to gain insight for better decision making.
- Big data allows organizations to analyze large datasets to uncover patterns, trends, and correlations, leading to more informed decisions and strategic business moves¹.
- Therefore, the correct answer is A. To integrate vast amounts of electronic data into analysis in order to gain insight for better decision making.