Comprehension Task: *Circle the correct answer*

- What is the purpose of IoT software engineering?

    a. To design IoT devices

    b. To automate business operations

    c. To collect data from IoT devices

    d. To improve the security of IoT devices

- What is the importance of choosing the right platform, OS, and programming language in developing IoT solutions?

    a. It makes the development process easier

    b. It ensures compatibility with various devices

    c. It improves the functionality and efficiency of the IoT system

    d. It makes the system more secure

- What is the primary purpose of stage 2 in the IoT architecture process?

    a. Collecting data from the environment or object

    b. Preprocessing the collected data

    c. Addressing issues such as lack of space and security

    d. Storing significant data in the cloud

- Which IoT development platform provides AI integration, multilayered security, and scalability?

    a. IBM Watson

    b. Azure

    c. AWS

    d. None of the above

- What is the primary purpose of the cloud in the IoT architecture process?

    a. Collecting data from the environment or object

    b. Preprocessing the collected data

    c. Addressing issues such as lack of space and security

    d. Storing significant data in the cloud

- Why is it important to consider data security in IoT software engineering?

    a. Because the connections between multiple devices to a network expose them to potential security threats.

b. Because IoT involves a tremendous exchange of data.

c. To safeguard the communication channel from problems.

d. All of the above.