VEC2 C182 Introduction to IT Version 2

Section: IT & Computer Studies • **Total Questions:** 10 • **Format:** Verified Q&A

1. What is a characteristic of hot storage?

(A) It typically uses innovative equipment.
(B) It allows for a slow restoration of operations.
(C) It offers relatively infrequent access.
(D) It uses lower-performance equipment.

2. Which generation of computing is associated with integrated circuits?

(A) Second
(B) Third
(C) Fourth
(D) Fifth

3. Which component of the data-information-knowledge-wisdom (DIKW) pyramid includes raw facts?

(A) Information
(B) Data
(C) Wisdom
(D) Knowledge

4. A developer is creating an application and needs a variable to store the single letter 'b' for noting blue eyes.

(A) Character
(B) Integer
(C) Boolean
(D) Character string

5. Which criterion is used to assess off-site storage solutions?

(A) Device media
(B) Security
(C) Redundancy
(D) Capacity

6. A company uses the most up-to-date operating system developed by Microsoft for a desktop computer on its internal network. Which system software does this company's computer use?

(A) Android
(B) Linux
(C) iOS
(D) Windows

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7. What is the arrangement of network devices in a mesh topology?

(A) Every device is connected to every other device.
(B) Devices are connected to a common communication line.
(C) Every device is connected to exactly two other devices.
(D) All devices are connected to a single central device.

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8. Which type of network is used to connect wireless headphones to a smartphone?

(A) Extended area network (EAN)
(B) Personal area network (PAN)
(C) Wide area network (WAN)
(D) Local area network (LAN)

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9. A company needs a database in which data is stored in a variety of tables that can be joined together in logical ways.

(A) Hierarchical
(B) Relational
(C) Cloud
(D) Distributed

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10. What translates and executes source code into machine language one line at a time?

(A) Operating system
(B) Assembler
(C) Interpreter
(D) Compiler