**Multiple Choice Questions (10 Questions)**

1. **Topic**: *Main Components of Computer Systems* **Level 0**  
   **Question: Which of the following is a primary component of a computer system?**

A) Processor

B) Power Cable

C) Desk

D) USB Stick  
**Answer**: A

1. **Topic**: *Internal Memory* **Level 1**  
   **Question: Which type of memory is directly accessible by the CPU for temporary data storage during processing?**

A) Hard Disk

B) Cache

C) DVD

D) Flash Drive  
**Answer**: B

1. **Topic**: *Computer-Based Systems* **Level 2**  
   **Question: Which computer-based system is most commonly used to manage student records and grading in schools?**

A) Booking system

B) School management system

C) Inventory system

D) Payroll system  
**Answer**: B

1. **Topic**: *Types of Computers* **Level 1**  
   **Question: A powerful computer used for complex calculations and large-scale data processing in government or financial institutions is known as a:**

A) Desktop computer

B) Mainframe

C) Laptop

D) Personal computer  
**Answer**: B

1. **Topic**: *Direct Data Entry (DDE) Devices* **Level 0**  
   **Question: Which of the following devices is commonly used for reading printed symbols and translating them into digital information?**

A) Magnetic stripe reader

B) Optical Mark Reader (OMR)

C) Microphone

D) Scanner  
**Answer**: B

1. **Topic**: *Input Devices* **Level 2**  
   **Question: Which input device would be most suitable for entering data in a hands-free environment?**

A) Keyboard

B) Microphone

C) Joystick

D) Mouse  
**Answer**: B

1. **Topic**: *Network Types* **Level 1**  
   **Question: Which network type is designed to cover a limited geographic area such as a building or campus?**

A) Wide Area Network (WAN)

B) Metropolitan Area Network (MAN)

C) Local Area Network (LAN)

D) Personal Area Network (PAN)  
**Answer**: C

1. **Topic**: *Output Devices* **Level 0**  
   **Question: Which of the following devices is an example of an output device that provides auditory information?**

A) Mouse

B) Monitor

C) Speaker

D) Keyboard  
**Answer**: C

1. **Topic**: *Communication Media* **Level 2**  
   **Question: In a business setting, which communication medium would be most effective for sharing real-time audio and visual content with multiple participants?**

A) Email

B) Website

C) Video conferencing

D) Poster  
**Answer**: C

1. **Topic**: *Cloud Computing* **Level 1**  
   **Question: What is one primary advantage of using cloud storage for personal files?**

A) Limited accessibility

B) Decreased storage capacity

C) Access from anywhere with internet

D) Less security for data  
**Answer**: C

**Short Questions (10 Questions)**

1. **Topic**: *Characteristics of Storage Devices* **Level 0**  
   **Question: Define and briefly describe the main characteristics of magnetic storage.**
2. **Topic**: *The Role of CPU* **Level 1**  
   **Question: Describe how the CPU interacts with input and output devices during data processing.**
3. **Topic**: *Communication Technologies* **Level 2**  
   **Question: Analyze the role of Wi-Fi in enabling seamless connectivity in mobile devices.**
4. **Topic**: *Software and Programs* **Level 1**  
   **Question: Explain how an operating system acts as an intermediary between users and hardware.**
5. **Topic**: *ROM and RAM* **Level 0**  
   **Question: Describe two key differences between ROM and RAM in terms of their functionality in a computer.**
6. **Topic**: *Optical Storage* **Level 1**  
   **Question: Compare the storage capacity and durability of a DVD with that of a Blu-ray disc.**
7. **Topic**: *Security Issues in Data Transfer* **Level 2**  
   **Question: Explain the importance of data encryption in securing information transmitted over networks.**
8. **Topic**: *Internet vs. Intranet* **Level 0**  
   **Question: Define the terms "internet" and "intranet" and mention one main difference between them.**
9. **Topic**: *Network Interface Cards (NIC)* **Level 1**  
   **Question: What role does a network interface card (NIC) play in a computer network?**
10. **Topic**: *Anti-malware Software* **Level 2**  
    **Question: Discuss how anti-malware software functions to prevent security breaches in networked systems.**

**Long Questions (5 Questions)**

1. **Topic**: *Booking Systems* **Level 0**  
   **Question: Describe the main features of a computer-based booking system and its importance in the travel industry.**
2. **Topic**: *Mobile Communication* **Level 1**  
   **Question: Discuss the impact of mobile communication on business efficiency, giving examples of commonly used mobile communication tools.**
3. **Topic**: *Characteristics and Uses of the Internet* **Level 1**  
   **Question: Explain the advantages and disadvantages of using the internet for business purposes, providing relevant examples.**
4. **Topic**: *Data Storage Technologies* **Level 2**  
   **Question: Evaluate the pros and cons of solid-state drives (SSDs) compared to magnetic hard drives for data storage in enterprises.**
5. **Topic**: *Network Protocols and Security* **Level 2**  
   **Question: Assess the role of protocols such as HTTP and HTTPS in ensuring secure data transfer over the internet. Include examples of situations where each protocol would be preferred.**