FlexLearning-MCDM

# User Profile and Pre-test Results

## User Information

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Dominant Learning Style: Kinesthetic

# Pre-test Quizzes and Responses

## Question 1

Question: Which component of a computer is responsible for storing data in the long term, even when the power is turned off?

Category: Hardware

Options:

A. RAM (Random Access Memory)

B. CPU

C. Hard drive

D. Graphics card

Your Response: A

Correct Answer: C

## Question 2

Question: What does GPU stand for in the context of computer hardware?

Category: Hardware

Options:

A. General Processing Unit

B. Graphics Processing Unit

C. General Peripheral Unit

D. Global Processing Unit

Your Response: B

Correct Answer: B

## Question 3

Question: Which component of a computer system is responsible for managing communication between different hardware components?

Category: Hardware

Options:

A. Motherboard

B. Hard drive

C. Power supply

D. RAM

Your Response: C

Correct Answer: A

## Question 4

Question: Which of the following is a primary input device for a computer?

Category: Hardware

Options:

A. Monitor

B. Keyboard

C. Printer

D. Speakers

Your Response: B

Correct Answer: B

## Question 5

Question: What is the purpose of the motherboard in a computer?

Category: Hardware

Options:

A. Provides power to the system

B. Manages data storage

C. Connects and facilitates communication between hardware components

D. Executes software programs

Your Response: C

Correct Answer: C

## Question 6

Question: Which type of software is designed to perform a specific task, such as word processing or spreadsheet calculations?

Category: Software

Options:

A. Operating system

B. Application software

C. System software

D. Utility software

Your Response: C

Correct Answer: B

## Question 7

Question: What is the purpose of an operating system (OS) on a computer?

Category: Software

Options:

A. Word processing

B. Managing hardware and software resources

C. Virus protection

D. Graphic design

Your Response: B

Correct Answer: B

## Question 8

Question: What type of software helps protect a computer from viruses, malware, and other security threats?

Category: Software

Options:

A. Word processor

B. Firewall

C. Antivirus software

D. Spreadsheet software

Your Response: C

Correct Answer: C

## Question 9

Question: Which programming language is often used for introductory programming courses for freshmen?

Category: Software

Options:

A. Java

B. C++

C. Python

D. HTML

Your Response: C

Correct Answer: C

## Question 10

Question: Which software is designed to manage and organize data in tabular form, often used for tasks such as budgeting and calculations?

Category: Software

Options:

A. Database software

B. Presentation software

C. Web browser

D. Video editing software

Your Response: C

Correct Answer: C

## Question 11

Question: What is the primary function of RAM (Random Access Memory) in a computer system?

Category: Memory

Options:

A. Long-term storage

B. Temporary storage for running programs

C. External data backup

D. Graphic processing

Your Response: B

Correct Answer: A

## Question 12

Question: Which type of memory retains its content even when the power is turned off?

Category: Memory

Options:

A. RAM

B. ROM

C. Cache memory

D. Virtual memory

Your Response: C

Correct Answer: B

## Question 13

Question: Which of the following is a type of non-volatile memory used for long-term storage?

Category: Memory

Options:

A. Cache memory

B. RAM

C. Flash memory

D. Virtual memory

Your Response: B

Correct Answer: B

## Question 14

Question: What is the purpose of cache memory in a computer system?

Category: Memory

Options:

A. Long-term storage

B. Storing frequently accessed data for faster retrieval

C. Permanent data retention

D. Virtualization support

Your Response: B

Correct Answer: C

## Question 15

Question: Which type of memory is often used as a bridge between the CPU and RAM to enhance processing speed?

Category: Memory

Options:

A. ROM

B. Cache memory

C. Flash memory

D. Hard disk

Your Response: C

Correct Answer: B

## Question 16

Question: What type of port is typically used for connecting external hard drives and flash drives to a computer?

Category: Ports

Options:

A. HDMI

B. USB

C. Thunderbolt

D. Serial port

Your Response: B

Correct Answer: B

## Question 17

Question: Which port is commonly used for connecting a monitor to a computer for video output?

Category: Ports

Options:

A. USB

B. VGA

C. Ethernet

D. FireWire

Your Response: C

Correct Answer: B

## Question 18

Question: In networking, which port is associated with HTTP (Hypertext Transfer Protocol) traffic?

Category: Ports

Options:

A. Port 80

B. Port 443

C. Port 21

D. Port 25

Your Response: D

Correct Answer: A

## Question 19

Question: What is the primary function of an Ethernet port on a computer or network device?

Category: Ports

Options:

A. Video output

B. Data transfer over a wired network

C. Power supply

D. Audio output

Your Response: A

Correct Answer: B

## Question 20

Question: What is the purpose of an HDMI port on a TV or computer monitor?

Category: Ports

Options:

A. Audio output

B. Video output

C. Data transfer

D. Network connectivity

Your Response: B

Correct Answer: B