**Lesson 3: Computer Performance and Features**

***Objective 3.1: Identify and compare the features of different types of computers.***

**35.** You will go camping next week. You want to bring information about the location that you found on the Internet. You want to use a small portable handheld device to carry this information.

Which of the following devices will you use?

A. Laptop computer

B. Personal digital assistant (Correct Answer)

C. Desktop computer

D. Microsoft® Tablet PC

***Objective 3.2: Explain the role of memory.***

**36.** You need to create a report that shows the progression of memory units from smallest to largest. The following list provides the basic memory units of measure that you need to complete the report.

Arrange the units of measure in the following list in the order of their size, starting with the smallest unit at the top of the list.

**Values:**

A. Megabyte

B. Terabyte

C. Bit

D. Gigabyte

E. Kilobyte

**Correct Order:**

C. Bit

E. Kilobyte

A. Megabyte

D. Gigabyte

B. Terabyte

**37.** Adventure Works is an advertising company that uses hundreds of high-quality photographs every week. The company stores all these photographs on a computer.

What memory size will you choose for the hard disk of the computer that stores all these photographs?

A. 100 Kilobytes

B. 100 Megabytes

C. 100 Gigabytes (Correct Answer)

D. 100 Bits

**38.** You modify a document that is saved on your computer.

Where are the changes stored until you save the document?

A. Random access memory (RAM) (Correct Answer)

B. Read-only memory (ROM)

C. Compact disc (CD)

D. Floppy disk

**39.** Many computer devices use a form of volatile memory that cannot hold data after the device is turned off.

Which of following options is an example of volatile memory?

A. Flash memory

B. Hard disk

C. Compact disc read-only memory (CD-ROM)

D. Random access memory (RAM) (Correct Answer)

***Objective 3.3: Explain the basics of computer performance and how it relates to productivity and the ability to run applications.***

**40.** Your friend sends you a computer game. After installing the game on your computer, you realize that it plays very slowly. You know that the CPU speed and hard disk for your computer are the same as they are in your friend's computer.

What could be the reason for this slow performance?

A. Your computer has less random access memory (RAM). (Correct Answer)

B. You have a slow Internet connection.

C. Your friend has an advanced keyboard.

D. Your friend has an advanced mouse.

**41.** You open five programs at the same time on your computer. After opening the programs, you realize that the speed of the computer is considerably slower.

What is the reason for the slowness of your computer?

A. Nonfunctional keyboard

B. Nonfunctional mouse

C. Insufficient random access memory (RAM) (Correct Answer)

D. Low monitor speed

**42.** You see your friend playing a game on his computer. You want to play the same game on your computer, so you borrow the game CD from him. However, the game runs slowly on your computer.

Which of the following components will you change to increase the speed of your computer?

A. Random access memory (RAM) (Correct Answer)

B. Monitor

C. Keyboard

D. Universal serial bus (USB) port

***Objective 3.4: Describe the different types of productivity programs and their uses.***

**43.** Your parents need to plan the budget for next month. To do this, they record the daily expenses of the current month and then calculate the total expenses for various categories, such as groceries, medical expenses, and clothes.

Which of the following programs will they use to maintain the expense records and calculate the total of each category?

A. Publishing program

B. Spreadsheet program (Correct Answer)

C. Database program

D. Presentation program

**44.** You visit Woodgrove Bank to ask about your account balance. The teller gives you details within a short span of time.

Which of the following programs does the bank use?

A. Publishing program

B. Graphics program

C. Database program (Correct Answer)

D. Presentation program

**45.** Your friend sends you a photograph of his son. You want to enlarge the photograph.

Which program type will you use to make this modification?

A. Presentation program

B. Graphics program (Correct Answer)

C. Word-processing program

D. Spreadsheet program

**46.** Your colleague wants to quit her job. She wants to type her resignation letter.

What kind of program will she use to do this?

A. Presentation program

B. Graphics program

C. Word-processing program (Correct Answer)

D. Spreadsheet program

***Objective 3.5: Describe the different types of communication programs and their uses.***

**47.** Your brother wants to know about e-mail. He asks you to explain simply the use of sending e-mail messages.

Which of the following options is a benefit of e-mail that you will mention?

A. Exchange text and pictures with people. (Correct Answer)

B. Send cash to people.

C. Send couriers to people.

D. Scan pictures.

**48.** Your friend is in another part of the world, and you want to have a real-time conversation with him.

Which of the following options will help you do this?

A. Presentation program

B. Courier service

C. Postal service

D. Instant messaging (Correct Answer)

**49.** You are communicating with your friend by using instant messaging. Both computers have a microphone and a Web cam.

Which of the following options are possible? **Select three.**

A. Print documents

B. View your friend during the communication (Correct Answer)

C. Send a fax

D. Hear your friend during the communication (Correct Answer)

E. Scan images

F. Send photographs (Correct Answer)

**50.** Sam is traveling and wants to keep in touch with you over the Internet. He wants to interact with you in real time.

Which of the following programs will let the two of you communicate in real time?

A. Presentation program

B. Chat program (Correct Answer)

C. Word-processing program

D. Spreadsheet program