

Exam Report: 4.1.4 Practice Questions

Date: 3/12/2020 11:13:29 pm
Time Spent: 30:02

Candidate: Garsteck, Matthew
Login: mGarsteck

Overall Performance

Your Score: 83%



Passing Score: 80%

View results by: ☐ Objective Analysis ☒ Individual Responses

Individual Responses

▼ Question 1: Correct

Which of the following devices would you add to a computer if you needed to take inventory at a retail store by scanning the UPC symbols on products?

- ➡ ☒ Bar code reader
- ☐ Touch screen
- ☐ Trackball
- ☐ Scanner

Explanation

Installing a bar code reader will allow you to take inventory at a retail store by scanning the UPC symbols on products. A scanner is used to scan documents. A touch screen is an interactive monitor for a computer. A trackball is a type of mouse.

References

TestOut PC Pro - 4.1 Peripheral Devices
[e_dev_pp6.exam.xml Q_PER_DEVICES_BAR_CODE_READER]

▼ Question 2: Correct

Which of the following is considered an input devices?

- ☐ Monitor
- ➡ ☒ Touchscreen
- ☐ RAM
- ☐ Hard disk

Explanation

A touchscreen is considered an input device. A touchscreen is a monitor that can receive input through touch.

A hard disk is a magnetic storage device used to store computer data. RAM is the most common type of memory found in computers and other devices, such as printers. A computer monitor is an output device that consists of the multiple components that make up a computer's display system.

References

TestOut PC Pro - 4.1 Peripheral Devices
[e_dev_pp6.exam.xml Q_PER_DEVICES_INPUT_DEVICES_01]

▼ Question 3: Incorrect

Match the peripheral devices on the left with the descriptions or examples on the right. Each peripheral device may be used once, more than once, or not at all.

Used to scan hardware that contains an embedded microchip for authentication.

✓ Smart card reader

Used to capture some type of analog signal and convert it into digital data.

✓ Digitizer

Can be a stand-alone device or integrated with other peripherals, such as a keyboard.

~~Digitizer~~

Smart card reader

Used to scan users' unique physical features and use them to verify their identity.

✓ Biometric scanner

Graphics tablets mostly used by graphic artists to capture hand-drawn images.

✓ Digitizer

Fingerprint scanner.

✓ Biometric scanner

Most commonly used in retail environments at checkout stands.

✓ Barcode reader

Explanation

A digitizer captures some type of analog signal and converts it into digital data. For example, graphics tablets capture analog stylus strokes written on a pad and convert them to digital data. These are mostly used by graphic artists to capture hand-drawn images.

Smart card readers are used as an authentication method. A smart card, which contains an embedded microchip, is inserted into the reader. The reader then scans the chip, verifies its contents, and authenticates the user. Smart card readers can be stand-alone devices or integrated with other peripherals (such as a keyboard).

Biometric scanners are used as a form of authentication. They are able to scan users' unique physical features and use them to verify their identity. Biometric scanners commonly identify retinas, fingerprints, faces, and heart beats.

A barcode reader is a device that can scan barcodes. Barcodes are most commonly used in retail environments at checkout stands. Shipping companies, hospitals, and other organizations use barcodes to track or inventory items.

References

TestOut PC Pro - 4.1 Peripheral Devices

[e_dev_pp6.exam.xml Q_PER_DEVICES_INPUT_DEVICES_02]

▼ Question 4:

Correct

You have three computers in your office. You would like to reduce the time it takes to move from one computer to the next, and you would like to use only one keyboard, one monitor, and one mouse for all three computers.

Which of the following devices BEST allows this type of setup?

☐ USB hub

☐ DVI

☐ Router

➡ ☒ KVM

Explanation

A KVM (keyboard, video, mouse) switch would allow you to control all three computers with one keyboard, one monitor, and one mouse. The KVM switch has multiple input groups, and each group

accepts keyboard, video, and mouse connections from a single computer. A single output group connects to the shared input/output devices. Buttons on the KVM switch or keyboard shortcut combinations allow you to toggle the input/output devices between computers. A USB hub allows multiple USB-compatible devices (up to 127) to be connected to a single USB connection, but the hub does not connect to or control multiple PCs. A router is a networking device that connects multiple networks. DVI is a standard for connectors to digital video cards.

References

TestOut PC Pro - 4.1 Peripheral Devices

[e_dev_pp6.exam.xml Q_PER_DEVICES_KVM]

▼ Question 5: Correct

You are an IT professional that works with home users. One of your customers works from home and uses multiple Windows computers as well as an Apple Mac computer. Your customer wants to be able to switch between his computers without changing the keyboard and monitor currently in use.

Which of the following devices would BEST facilitate sharing his monitor and other input devices with all of his computers?

- ☐ HDMI splitter
- ☐ VGA splitter
- ☐ USB multi-port hub

➡ ☒ KVM switch

Explanation

A KVM (keyboard, video, and mouse) switch allows multiple computers to use a single keyboard, mouse, and monitor. KVM switches have multiple input groups. Each group accepts keyboard, video, and mouse connections from one computer. A single output group connects to the shared peripheral devices. Buttons on the KVM switch are used to toggle between each connected computer. Some KVMs allow you to switch devices using a special keyboard key combination.

An HDMI splitter is used to take a single source (such as a computer) and distribute that HDMI signal to multiple output devices, such as monitors. A VGA splitter is a cable or device that allows you to separate a video signal into multiple connections and connect those individual signals to multiple devices. A multi-port USB hub is a device that expands a single Universal Serial Bus (USB) port into several so that there are more ports available to connect devices to a host system, similar to a power strip.

References

TestOut PC Pro - 4.1 Peripheral Devices

[e_dev_pp6.exam.xml Q_PER_DEVICES_KVM_02]

▼ Question 6: Correct

What type of peripheral device is typically found on a laptop computer and allows the user to control the cursor with a finger?

- ☐ Scanner
- ☐ Motion sensor
- ☐ Mouse
- ☐ Gamepad

➡ ☒ Touch pad

Explanation

Touch pads are typically found on notebook computers and are used in place of a mouse. Users slide their finger on the touch pad to manipulate the cursor.

Motion sensors are devices that are able to detect the slightest amount of movement in an area. They are typically used with security systems and require special software and configuration. Gamepads are handheld controllers with directional controls on the left and buttons on the right. Scanners are used to scan hard-copy images and documents and convert them into digital input for the PC. A mouse is a handheld device used to manipulate the cursor.

References

TestOut PC Pro - 4.1 Peripheral Devices

[e_dev_pp6.exam.xml Q_PER_DEVICES_TOUCH_PADS]