

ASSIGNMENT 2 : ISS 103 INTRODUCTION TO INFORMATION SYSTEM

QUESTIONS AND ANSWERS.

Which of the following is a disadvantage of a CRT monitor? Question 1Select one: 1. It is bulky and heavy 2. It has high resolution 3. It is energy efficient 4. It uses LED technology

The correct answer is:

1. It is bulky and heavy

CRT (Cathode Ray Tube) monitors are known for being large, heavy, and taking up a lot of space compared to modern flat-screen displays like LCD or LED monitors. They are not energy-efficient and do not use LED technology. While some CRT monitors can have high resolution, their bulkiness and weight are significant disadvantages.

What does a scanner do? Question 2Select one: 1. Displays information 2. Converts physical documents into digital format 3. Outputs sound 4. Processes data

The correct answer is:

2. Converts physical documents into digital format

A scanner is a device that captures images or text from physical documents (such as paper) and converts them into digital files that can be stored, edited, or shared on a computer. It does not display information, output sound, or process data in the way a computer's CPU does.

Which of the following devices provides the most accurate input for handwritten signatures? Question 3Select one: 1. Touchpad 2. Mouse 3. Graphics tablet 4. Light pen

The correct answer is:

3. Graphics tablet

A graphics tablet (also known as a digitizing tablet) is specifically designed to capture precise input, including handwritten signatures, using a stylus. It provides much greater accuracy and control compared to a touchpad, mouse, or light pen, making it the best choice for capturing detailed handwritten input.

Which of the following printers is most suitable for printing multipart forms? Question 4Select one: 1. Inkjet printer 2. Laser printer 3. Dot matrix printer 4. Thermal printer

The correct answer is:

3. Dot matrix printer

Dot matrix printers are most suitable for printing multipart forms because they use impact printing, which can create carbon copies by pressing ink onto multiple layers of paper. Inkjet,

laser, and thermal printers do not have this capability, as they are non-impact printers and cannot produce multiple copies simultaneously.

Which of the following is an input device? Question 5Select one: 1. Monitor 2. Printer 3. Mouse 4. Speaker

The correct answer is:

3. Mouse

A mouse is an input device because it allows users to interact with and provide input to a computer. Monitors, printers, and speakers are output devices, as they display, print, or produce sound based on data processed by the computer.

Which input device is often used by graphic designers to draw digitally? Question 7Select one: 1. Graphics tablet 2. Touchpad 3. Microphone 4. Joystick

The correct answer is:

1. Graphics tablet

A graphics tablet (also known as a drawing tablet) is commonly used by graphic designers to draw digitally. It allows for precise and natural input using a stylus, making it ideal for creating digital artwork. Touchpads, microphones, and joysticks are not typically used for this purpose.

Plotters are typically used for which of the following purposes? Question 8Select one: 1. Playing audio 2. Printing large engineering or architectural drawings 3. Printing letters 4. Storing data

The correct answer is:

2. Printing large engineering or architectural drawings

Plotters are specialized output devices designed to produce high-quality, large-scale prints, such as engineering blueprints, architectural designs, and other technical drawings. They are not used for playing audio, printing standard letters, or storing data.

Which type of output device is used to produce physical models from digital designs? Question 9Select one: 1. Monitor 2. Printer 3. 3D printer 4. Plotter

The correct answer is:

3. 3D printer

A 3D printer is used to produce physical models from digital designs by layering materials such as plastic, resin, or metal. Monitors display visual output, standard printers produce 2D prints, and plotters are used for large-scale technical drawings, but none of these create physical 3D models.

What type of input device is commonly used for biometric authentication? Question 10Select one: 1. Mouse 2. Fingerprint scanner 3. Webcam 4. Microphone

The correct answer is:

2. Fingerprint scanner

A fingerprint scanner is a biometric input device commonly used for authentication by capturing and verifying unique fingerprint patterns. While webcams and microphones can also be used for biometric purposes (e.g., facial or voice recognition), fingerprint scanners are the most widely used for this purpose. A mouse is not a biometric device.

What does a trackball do? Question 11Select one: 1. Displays information 2. Inputs data through rolling a ball 3. Projects images 4. Outputs sound

The correct answer is:

2. Inputs data through rolling a ball

A trackball is an input device that allows users to control the cursor on a screen by rolling a ball with their fingers or hand. It does not display information, project images, or output sound.

What is the main purpose of a microphone? Question 12Select one: 1. To output sound 2. To capture and input sound 3. To print documents 4. To project images

The correct answer is:

2. To capture and input sound

A microphone is an input device used to capture sound and convert it into an electrical signal, which can then be processed or recorded by a computer or other audio equipment. It does not output sound, print documents, or project images.

Which of the following is an example of an input device used for 3D applications? Question 14Select one: 1. 3D printer 2. 3D mouse 3. Monitor 4. Laser printer

The correct answer is:

2. 3D mouse

A 3D mouse is an input device specifically designed for 3D applications, allowing users to manipulate and navigate 3D environments with precision. A 3D printer is an output device, a monitor displays visual output, and a laser printer is used for 2D printing.

Which output device allows visually impaired users to read computer screens? Question 15Select one: 1. Monitor 2. Braille embosser 3. Projector 4. Speaker

The correct answer is:

2. Braille embosser

A Braille embosser is an output device that converts text into Braille, allowing visually impaired users to read computer-generated content tactilely. While speakers can also assist by providing

audio output, a Braille embosser directly translates text into a format accessible to Braille readers. Monitors and projectors are visual output devices and do not serve this purpose.

What is the function of a plotter? Question 16Select one: 1. It inputs data 2. It draws large images and designs on paper 3. It outputs sound 4. It captures digital images

The correct answer is:

2. It draws large images and designs on paper

A plotter is an output device used to produce large-scale, high-precision drawings, such as architectural blueprints, engineering designs, or other technical illustrations. It does not input data, output sound, or capture digital images.

Which device is used to create printed copies of large architectural blueprints? Question 17Select one: 1. Inkjet printer 2. Laser printer 3. Plotter 4. Projector

The correct answer is:

3. Plotter

A plotter is specifically designed to create large, high-precision printed copies of architectural blueprints, engineering designs, and other technical drawings. Inkjet and laser printers are better suited for smaller-scale documents, while a projector is used to display images or videos on a screen, not to print them.

Which of the following is a feature of an LED monitor? Question 18Select one: 1. It uses a cathode ray tube 2. It emits light directly from light-emitting diodes 3. It uses liquid crystals 4. It is used only for touch input

The correct answer is:

2. It emits light directly from light-emitting diodes

An LED (Light-Emitting Diode) monitor uses LEDs to provide backlighting or as individual pixels to emit light, resulting in energy efficiency, better brightness, and improved color accuracy. It does not use a cathode ray tube (CRT) or rely solely on liquid crystals (though some LED monitors use LCD panels with LED backlighting). Additionally, LED monitors are not exclusively used for touch input.

What type of printer uses a ribbon to print text or images? Question 19Select one: 1. Laser printer 2. Inkjet printer 3. Dot matrix printer 4. Thermal printer

The correct answer is:

3. Dot matrix printer

A dot matrix printer uses a ribbon to print text or images by striking pins against the ribbon to create dots on the paper. Laser printers use toner, inkjet printers use liquid ink, and thermal printers use heat-sensitive paper, but none of these use a ribbon for printing.

What type of printer is best for high-quality photo printing? Question 20Select one: 1. Laser printer 2. Dot matrix printer 3. Inkjet printer 4. Thermal printer

The correct answer is:

3. Inkjet printer

Inkjet printers are best suited for high-quality photo printing because they can produce vibrant colors and fine details using liquid ink. Laser printers are better for text and office documents, dot matrix printers are outdated and low-quality, and thermal printers are typically used for receipts or labels, not photos.

Which type of printer uses heat to print on special paper? Question 21Select one: 1. Laser printer 2. Dot matrix printer 3. Inkjet printer 4. Thermal printer

The correct answer is:

4. Thermal printer

Thermal printers use heat to create images or text on specially coated thermal paper. They are commonly used for printing receipts, labels, and tickets. Laser printers use toner, dot matrix printers use a ribbon, and inkjet printers use liquid ink, so none of these rely on heat-sensitive paper.

Which device is used to capture video and send it to a computer? Question 22Select one: 1. Webcam 2. Microphone 3. Printer 4. Monitor

The correct answer is:

1. Webcam

A webcam is a device used to capture video and transmit it to a computer for purposes such as video conferencing, streaming, or recording. A microphone captures audio, a printer produces physical copies of documents, and a monitor displays visual output.

What is the typical function of a plotter? Question 24Select one: 1. Displaying information 2. Printing large, detailed graphics 3. Storing information 4. Scanning documents

The correct answer is:

2. Printing large, detailed graphics

A plotter is an output device specifically designed to print large, high-precision graphics, such as architectural blueprints, engineering designs, or other technical drawings. It does not display information, store information, or scan documents.

What is the function of an optical mouse? Question 28Select one: 1. It tracks movement through light sensors 2. It captures digital images 3. It inputs voice commands 4. It prints documents

The correct answer is:

1. It tracks movement through light sensors

An optical mouse uses light sensors (typically an LED or laser) to detect movement by capturing images of the surface beneath it. It does not capture digital images, input voice commands, or print documents.

Which device is used to project computer images onto a large screen? Question 30Select one: 1. Monitor 2. Printer 3. Projector 4. Speaker

The correct answer is:

3. Projector

A projector is a device used to project computer images, videos, or presentations onto a large screen or surface. A monitor displays images on its own screen, a printer produces physical copies of documents, and a speaker outputs sound.

Which of the following is an example of an output device? Question 31Select one: 1. Keyboard 2. Monitor 3. Mouse 4. Scanner

The correct answer is:

2. Monitor

A monitor is an output device that displays visual information from a computer. A keyboard, mouse, and scanner are input devices used to provide data or commands to a computer.

Which device displays images generated by the computer's graphics card? Question 32Select one: 1. Monitor 2. Mouse 3. Keyboard 4. CPU

The correct answer is:

1. Monitor

A monitor is the device that displays images generated by the computer's graphics card. The mouse and keyboard are input devices, and the CPU (Central Processing Unit) is the computer's main processing unit, not a display device.

Which of the following is NOT a characteristic of laser printers? Question 33Select one: 1. High speed 2. Uses ink cartridges 3. High-quality output 4. Uses toner

The correct answer is:

2. Uses ink cartridges

Laser printers use toner, not ink cartridges, to produce high-quality output at high speeds. Ink cartridges are used in inkjet printers, not laser printers.

What kind of printer uses toner to print on paper? Question 34Select one: 1. Laser printer 2. Inkjet printer 3. Dot matrix printer 4. Thermal printer

The correct answer is:

1. Laser printer

A laser printer uses toner (a fine powder) to print text and images on paper. Inkjet printers use liquid ink, dot matrix printers use a ribbon, and thermal printers use heat-sensitive paper.

What is the role of a graphics card in relation to output devices? Question 35Select one: 1. It provides input for video games 2. It enhances image and video output on monitors 3. It processes sound output 4. It captures video input

The correct answer is:

2. It enhances image and video output on monitors

A graphics card (or GPU) is responsible for rendering images, videos, and other visual content, which are then displayed on output devices like monitors. It does not process sound output, capture video input, or directly provide input for video games.

Which of the following devices would be used to project a computer's display onto a large screen? Question 36Select one: 1. Monitor 2. Scanner 3. Projector 4. Plotter

The correct answer is:

3. Projector

A projector is used to project a computer's display onto a large screen or surface. A monitor displays the output on its own screen, a scanner captures digital images from physical documents, and a plotter is used for printing large-scale technical drawings.

Which device is used to output sound from a computer? Question 37Select one: 1. Microphone 2. Speaker 3. Keyboard 4. Mouse

The correct answer is:

2. Speaker

A speaker is an output device used to produce sound from a computer. A microphone is an input device for capturing sound, while a keyboard and mouse are input devices for typing and navigation, respectively.