**IC3 Version 5 Computer Fundamentals Pre-Assessment**

**NAME and Period Number:**

|  |  |
| --- | --- |
| 1. **Lightweight Device** |  |
|  |
| Which type of device is lightweight, portable, and an all-in-one unit? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Desktop | |  | B - Notebook | |  | C - Hardware | |  | D - Operating system | |

|  |  |
| --- | --- |
| 1. **Nonvolatile Memory** |  |
|  |
| Which is an example of nonvolatile memory? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - RAM | |  | B - Driver | |  | C - Router | |  | D - Hard drive | |

|  |  |
| --- | --- |
| 1. **External Speakers** |  |
|  |
| Most external speakers are connected via USB or a(n) \_\_\_\_\_\_\_\_\_\_ inch audio jack. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - 1/8th | |  | B - 3/4th | |  | C - 1/4th | |  | D - 1/16th | |

|  |  |  |
| --- | --- | --- |
|  | 1. **All-In-One Webcam** |  |
|  |
| Which cable is most commonly used to connect an all-in-one webcam and microphone? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - USB | |  | B - VGA | |  | C - HDMI | |  | D - Ethernet | |

|  |  |
| --- | --- |
| 1. **Printer Connection** |  |
|  |
| The most universal method of connecting a printer to a computer is by using a USB cable. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | True | |  | False | |

|  |  |  |
| --- | --- | --- |
|  | 1. **External Displays** |  |
|  |
| Which cable connections can be used to connect external displays to a computer? Choose three answers. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - DVI | |  | B - VGA | |  | C - HTTP | |  | D - HDMI | |

|  |
| --- |
|  |
|  | 1. **Power States** |  |
|  |
| Which are the three basic power options on a Windows machine? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Sleep | |  | B - Reboot | |  | C - Restart | |  | D - Shut Down | |

|  |
| --- |
|  |
|  | 1. **Manage Drivers** |  |
|  |
| In Windows machines, which dialog box is used to view and manage drivers? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Change Drivers | |  | B - Power Options | |  | C - Device Manager | |  | D - Manage Services | |

|  |  |
| --- | --- |
| 1. **Advantage of Touchscreen** |  |
|  |
| Which are the advantages of using a touchscreen device? Choose three answers. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Low accuracy | |  | B - Less hardware | |  | C - Direct interaction | |  | D - Faster and more precise responses | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Disadvantage of Wireless** |  |
|  |
| Which is one possible disadvantage of using wireless networks versus a wired network? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - More cost | |  | B - Less security | |  | C - More hardware | |  | D - Less maneuverability | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Modem in a Computer** |  |
|  |
| A modem cannot be installed inside a computer. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | True | |  | False | |

|  |  |  |
| --- | --- | --- |
|  | 1. **IP Address Defined** |  |
|  |
| An IP address is an unique \_\_\_\_\_\_\_\_\_ for a device connected to the Internet. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - file | |  | B - setting | |  | C - identifier | |  | D - back door | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Common Wired Connection** |  |
|  |
| Which is the most common wired connection to the Internet? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - CJ-11 | |  | B - FireWire | |  | C - Ethernet | |  | D - Telephone | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Carrier Defined** |  |
|  |
| A carrier is a company which provides access to the \_\_\_\_\_\_\_\_\_\_ waves that make up a cell network. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - radio | |  | B - micro | |  | C - traffic | |  | D - sound | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Cell Plan** |  |
|  |
| When dealing with cell phone plans, which are three main aspects of a plan? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Amount of data allotted | |  | B - Types of services offered | |  | C - Complete access to all branches | |  | D - Number of available talk minutes and texts | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Smartphone Operating Systems** |  |
|  |
| Which are the two main operating systems for smartphones? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - iOS | |  | B - Linux | |  | C - Android | |  | D - Ubuntu | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Elements of Greeting** |  |
|  |
| Which are three important elements of a good voicemail greeting? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Clear | |  | B - Concise | |  | C - Good tone | |  | D - Slang terms | |

|  |  |  |
| --- | --- | --- |
|  | 1. **MMS** |  |
|  |
| Which are the four things that a Multimedia Messaging Service is able to send? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Text | |  | B - Email | |  | C - Video | |  | D - Audio | |  | E - Pictures | |

|  |  |  |
| --- | --- | --- |
|  | 1. **GUI Defined** |  |
|  |
| A GUI, or graphical user interface, uses visual markers and icons for user \_\_\_\_\_\_\_\_\_\_. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - sharing | |  | B - interaction | |  | C - installation | |  | D - customization | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Read-Only Memory** |  |
|  |
| Which type of OS is usually permanent software installed in read-only memory by the manufacturer? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Linux | |  | B - Ubuntu | |  | C - Android | |  | D - Firmware | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Display Options** |  |
|  |
| Which are three options a user can change on a Windows machine from the display options? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Calibrate color | |  | B - Adjust resolution | |  | C - Adjust brightness | |  | D - Switch screen background | |

|  |  |  |
| --- | --- | --- |
|  | 1. **File Extensions** |  |
|  |
| Which are file extensions used in various applications and programs? Choose five answers. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - .xls | |  | B - .zip | |  | C - .jpg | |  | D - .exe | |  | E - .mp4 | |  | F - .quip | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Sharing Prevention** |  |
|  |
| Which option will prevent all forms of sharing for a file or folder on a PC? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Lock | |  | B - File lock | |  | C - Stop sharing | |  | D - Prevent sharing | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Rename a Folder** |  |
|  |
| Which is a way to rename a folder on a computer? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Click the Control Panel | |  | B - Use the Ctrl+Alt+F keyboard shortcut | |  | C - Use the Ctrl+Alt+N keyboard shortcut | |  | D - Right-click the folder and click Rename | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Multimedia Apps** |  |
|  |
| Which best defines what multimedia apps do? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Displaying data | |  | B - Locate local sushi restaurants | |  | C - Calculate averages and medians | |  | D - Organize items and place them into folders | |

1. **Troubleshooting Actions**Which are three common troubleshooting actions?

|  |  |
| --- | --- |
|  | A - Check the cables |
|  | B - Ensure there is no water near the power source |
|  | C - Check to see how much hard drive space there is |
|  | D - Make sure there are no programs open and running that are not being used |

|  |  |  |
| --- | --- | --- |
|  | 1. **Media Disruption** |  |
|  |
| Which is a cause for a media disruption? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Flash reliance | |  | B - Outdated plugins | |  | C - Outdated definitions | |  | D - JavaScript not installed | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Backup** |  |
|  |
| Which best defines an offsite backup? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - A copy of system data at a specific location | |  | B - A copy of system data at a specific point in time | |  | C - When system data is backed up at a specific point in time in the cloud | |  | D - When system data is backed up in a different physical location than the original data | |

1. **Cloud Computing Defined**         Which best defines cloud computing?

|  |  |
| --- | --- |
|  | A - A portion of the Internet |
|  | B - Using a cloud to display the weather |
|  | C - A business propagated using the Internet |
|  | D - Services, applications, or storage accessed via the Internet |

|  |  |  |
| --- | --- | --- |
|  | 1. **Cloud Service Account Attributes** |  |
|  |
| Which are cloud service account attributes? Choose three answers. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Require registration | |  | B - Most are free to set up | |  | C - Payment is always required | |  | D - Registration is not always required | |  | E - Payment is required for advanced features | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Project Management Apps** |  |
|  |
| Which type of online apps are used by businesses for project management, communication, marketing, and social media? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - CRM | |  | B - Social | |  | C - Office | |  | D - Storage | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Integrated Storage App** |  |
|  |
| Which online storage app is fully integrated with Windows operating systems? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - OneDrive | |  | B - Google Drive | |  | C - Windows Drive | |  | D - Microsoft Cloud | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Usernames** |  |
|  |
| Usernames uniquely identify \_\_\_\_\_\_\_\_\_\_ users on a computer or network. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - paired | |  | B - multiple | |  | C - individual | |  | D - groups of | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Virus Software** |  |
|  |
| Which are ways virus software can affect a computer system? Choose two answers. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Fry the motherboard | |  | B - Erase or corrupt data | |  | C - Implicate a DoS attack | |  | D - Gather personal information and transfer it | |

1. **Social Engineering Defined**         Which best defines social engineering?

|  |  |
| --- | --- |
|  | A - A hacking technique often relying on emails |
|  | B - A hacking technique used to mine data and personal information |
|  | C - A hacking technique used to hijack a computer and lock out the rightful user |
|  | D - A hacking technique used to acquire personal or sensitive data that relies on personal interaction and human trust |

|  |  |  |
| --- | --- | --- |
|  | 1. **Hardware Firewalls** |  |
|  |
| Hardware firewalls are more common in which environments? Choose two answers. |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Homes | |  | B - Schools | |  | C - Businesses | |  | D - Personal use | |

|  |  |  |
| --- | --- | --- |
|  | 1. **Surfing the Internet** |  |
|  |
| Which is used to make sure a user can surf the Internet without the browser remembering cookies, keeping a browser history, or storing anything in the cache? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - Sleep mode | |  | B - A screen saver | |  | C - A private window | |  | D - Antivirus software | |

|  |
| --- |
|  |
|  | **Security Item** |  |
|  |
| Which item should be in the Internet address bar before the user can safely enter any personal data? |
|  |
|  |
|  |
| |  |  | | --- | --- | |  | A - http: | |  | B - https: | |  | C - htmls: | |  | D - secure/ | |