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

**NAME and Period Number:**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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|          | 1. **Rename a Folder**
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| Which is a way to rename a folder on a computer? |
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|  | 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 |

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

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

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|  | 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 |

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

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|        | 1. **Backup**
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| Which best defines an offsite backup? |
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|  | 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 |

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

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|  | 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 |

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|      | 1. **Cloud Service Account Attributes**
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| Which are cloud service account attributes? Choose three answers. |
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|  | 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 |

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

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

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

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

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

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|  | 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 |

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

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|        | 1. **Surfing the Internet**
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| 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? |
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| --- | --- |
|  | A - Sleep mode |
|  | B - A screen saver |
|  | C - A private window |
|  | D - Antivirus software |

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

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