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| **COMPUTER PROBLEM SOLVING** | |
| |  |  | | --- | --- | | 1) | Some pieces of equipment require tasks to be completed at exact moments in time. Operating systems such as Windows and macOS complete tasks as resources are made available. An operating system for use on the first example goes by what name? | |  | A) live operating system | |  | B) programmed operating system | |  | C) real-time operating system | |  | D) precision operating system | |  |
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| |  |  | | --- | --- | | 2) | Which of the following manages memory access for an operating system? | |  | A) kernel | |  | B) driver | |  | C) module | |  | D) VHDL | |  |
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| |  |  | | --- | --- | | 3) | Operating systems can offer ways to encrypt the hard drive data for the sake of data security. macOS calls this feature File Vault. What does Windows call this feature? | |  | A) Gate Keeper | |  | B) Matrix Determinant | |  | C) BitLocker | |  | D) Defragmentation Tool | |  |
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| |  |  | | --- | --- | | 4) | \_\_\_\_\_ uses Port 25 to send emails. | |  | A) SMPT | |  | B) IMAP | |  | C) POP3 | |  | D) ADC | |  |
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| |  |  | | --- | --- | | 5) | Network connecting devices include \_\_\_\_\_\_\_\_, hubs, and \_\_\_\_\_. | |  | A) repeaters, connectors | |  | B) switches, repeaters | |  | C) connectors, switches | |  | D) switches, fuses | |  |
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| |  |  | | --- | --- | | 6) | What is the standard mouse for a Macintosh? | |  | A) scroll-wheel | |  | B) three-button | |  | C) one-button | |  | D) two-button | |  |
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| |  |  | | --- | --- | | 7) | The two basic types of RAM are \_\_\_\_\_ and \_\_\_\_\_. | |  | A) dynamic, floating | |  | B) dynamic, modular | |  | C) static, floating | |  | D) static, dynamic | |  |
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| |  |  | | --- | --- | | 8) | A \_\_\_\_\_ is when, as part of a cyber-security attack, the attacker disrupts service to the network. | |  | A) vishing attack | |  | B) honey trap | |  | C) denial-of-service attack | |  | D) watering hole attack | |  |
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| |  |  | | --- | --- | | 9) | Phishing comes in many forms, but **not** in \_\_\_\_\_\_. | |  | A) telephone calls | |  | B) whaling and pharming | |  | C) trojan horses | |  | D) spam and spim | |  |
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| |  |  | | --- | --- | | 10) | On a laptop, this almost always takes the place of a mouse. | |  | A) Trackball | |  | B) Keyboard | |  | C) Cursor arrows | |  | D) Touch pad | |  |
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| |  |  | | --- | --- | | 11) | Mobile form factors include smart phone, tablet, and \_\_\_\_\_\_. | |  | A) tower | |  | B) server | |  | C) desktop | |  | D) laptop | |  |
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| |  |  | | --- | --- | | 12) | Printers can come in any of the following formats, **except** \_\_\_\_\_\_\_\_\_. | |  | A) drum printer | |  | B) dot matrix | |  | C) chain mail printer | |  | D) inkjet | |  |
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| |  |  | | --- | --- | | 13) | Laser printers contain an ink-like substance, called \_\_\_, which can be fused on paper to create text and graphics. | |  | A) paint | |  | B) graphite | |  | C) toner | |  | D) charcoal | |  |
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| |  |  | | --- | --- | | 14) | The best way to keep the inside of your computer clean is to power down and unplug it, \_\_\_\_\_\_. | |  | A) but don't open the computer at all | |  | B) open the cover, and vacuum it out | |  | C) open the cover, and shake out the dirt | |  | D) open the cover, and hand brush the dirt out | |  |
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| |  |  | | --- | --- | | 15) | A \_\_\_\_\_\_\_\_ is used to protect the computer from sudden spikes in voltages. | |  | A) UPS | |  | B) static mat | |  | C) battery pack | |  | D) surge protector | |  |

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| 2) | A |
| 3) | C |
| 4) | A |
| 5) | B |
| 6) | C |
| 7) | D |
| 8) | C |
| 9) | C |
| 10) | D |
| 11) | D |
| 12) | C |
| 13) | C |
| 14) | D |
| 15) | D |