Certiport IC3 Computing Fundamentals

1. Which of the following devices are used by the microprocessor to prevent it from overheating? Each correct answer represents a complete solution. Choose all that apply.

A. Fan

B. Chipset

C. Socket

D. Heat Sink

Answer(s): A,D

---

2. Which of the following software development processes is NOT based on the iterative approach?

A. Waterfall

B. Agile

C. Extreme Programming

D. Iterative

Answer(s): A

---

3. Which of the following is a computer bus for attaching hardware devices in a computer and can take either the form of an integrated circuit or an expansion card?

A. AGP

B. EISA

C. PCI

D. ISA

Answer(s): C

---

4. You work in an office and you have finished typing a document. What will you do to view the overall structure of the document?

A. Open the document in Full Screen Reading view.

B. Open the document in Web Layout view.

C. Open the document in Outline view.

D. Open the document in Print Layout view.

Answer(s): C

---

5. Which of the following is an example of application software?

A. Registry Editor

B. Windows XP

C. Windows Vista

D. Office Word 2007

Answer(s): D

---

6. Which of the following software application is used to communicate person-to-person across a network?

A. Personal Communication Software

B. Business Application Software

C. Educational Software

D. Personal Productivity Software

Answer(s): A

---

7. Which of the following is a hardware device that handles an interface to a computer network and allows a network-capable device to access that network?

A. USB

B. PS/2

C. Network Interface Controller

D. Network Interface Device

Answer(s): C

---

8. Which of the following is the best preventive maintenance action to avoid PC hardware related problems?

A. Cleaning the PC regularly

B. Replacing the older components regularly

C. Using the disk defragmenter regularly

D. Using the diagnostic software

Answer(s): A

---

9. Mark works as a Database Designer for AccessSoft Inc. The company has a Windows Vista-based computer with Microsoft Office 2007 installed on it. The computer contains a database named Contacts that is created in Microsoft Access 2007. He has to create a table named Addresses. He wants to maintain the uniqueness of rows in the table. Which of the following integrities will he use to accomplish this task?

A. Data integrity

B. Entity integrity

C. Referential integrity

D. Domain integrity

Answer(s): B

---

10. Which of the following is a UPS technology that provides line conditioning, surge suppression, and backup battery features within the same package?

A. Online UPS

B. Standby power supply UPS

C. Surge Processor

D. Line interactive UPS

Answer(s): A

---

11. Which of the following are the PC hardware related problems commonly caused by poor maintenance? Each correct answer represents a complete solution. Choose all that apply.

A. Slow hard disk performance

B. Printer Issues

C. Poor system case cooling and ventilation

D. Keyboard and Mouse issues

E. Memory Management Issues

F. Power supply degradation

Answer(s): A,B,C,D,F

---

12. Which of the following software belong to the system protection software category? Each correct answer represents a complete solution. Choose all that apply.

A. Firewall Software

B. Antivirus Software

C. Malware Detection Software

D. Monitoring Software

Answer(s): A,B,C

---

13. Which of the following is an expansion bus and has been replaced by the PCI bus?

A. AGP

B. EISA

C. ISA

D. NID

Answer(s): B

---

14. Which of the following is a circuitry that carries various signals, addresses, and data among the components of the computer?

A. Bus

B. ROM

C. RAM

D. CPU

Answer(s): A

---

15. Which of the following statements can be referred as a step for troubleshooting a speaker? Each correct answer represents a complete solution. Choose all that apply.

A. Check the volume is set properly in the operating system and on the speakers.

B. Make sure the speaker wires are not crimped or broken and that all of the jacks are seated in the appropriate plugs.

C. Match out the color coded plugs to the jacks or look carefully at the little pictures on the jack.

D. Check the speaker must be plugged into the correct jack on the sound connectors.

Answer(s): A,B,C,D

---

16. Which of the following is a technology that emulates a telephone conversation over the Internet?

A. Proxy Server

B. VPN

C. Text Chat

D. VoIP

Answer(s): D

---

17. Which of the following is a type of printer that is designed specifically to deal with the problems of printing documents with large paper size?

A. Laser Printer

B. Projector

C. Dye-sublimation Printer

D. Plotter

Answer(s): D

---

18. Which of the following software is used on a PC for preventive maintenance and hardware/software source determination?

A. System Protection Software

B. General Diagnostic software

C. Monitoring Software

D. Optimizing and Cleaning Software

Answer(s): B

---

19. Which of the following actions belong to the preventive maintenance process performed by a PC user? Each correct answer represents a complete solution. Choose all that apply.

A. Upgrading the BIOS

B. Virus Scanning

C. Checking the cable connections inside the system case

D. Replacing the fault memory

E. Cleaning the PC's exterior

Answer(s): B,E

---

20. Which of the following is an application included with the Mac OS X operating system that allows users to modify various settings which are divided into separate panes?

A. Migration Assistant

B. Network Utility

C. System Profiler

D. System Preferences

Answer(s): D