

INTRODUCTION TO TECHNOLOGY CONCEPTS

1. Compressed files, sometimes called:
 - a. tipped files, usually have a .tip extension
 - b. joint files, usually have a .jnt extension
 - c. zipped files, usually have a .zip extension
 - d. dipped files, usually have a .dip extension

Competency: Basic Computer Principles

Task: Identify file formats and extensions.

2. A(n) _____ allows you to create, update, and administer a relational database.
 - a. XML DBMS
 - b. OODBMS
 - c. RDBMS
 - d. ERD

Competency: Terminology

Task: Define database terminology.

3. Communication between all of the different devices on the Internet is made possible by:
 - a. HTTP (hypertext transfer protocol)
 - b. FTP (file transfer protocol)
 - c. TCP/IP (transmission control protocol/Internet protocol)
 - d. AT&T (American Telephone & Telegraph)

Competency: Terminology

Task: Describe the concept of TCP/IP and the Domain Name System (DNS).

4. Some search engines use _____ instead of the word NOT.
 - a. -
 - b. =
 - c. *
 - d. ^

Competency: Computer Application Concepts

Task: Demonstrate ability to navigate the Internet using a variety of search engines to conduct research.

5. An informal Web site consisting of time stamped articles in a journal format is called:
 - a. blog
 - b. Web 2.0
 - c. podcast
 - d. vlog

Competency: Computer Application Concepts

Task: Demonstrate the use of telecommunications and other media to interact or collaborate with peers, experts, and other audiences.

6. One popular use of the _____ standard is in public Internet access points that offer mobile users the ability to connect to the Internet with their wireless computers and devices.
- Ethernet
 - Wi-Fi
 - token ring
 - TCP/IP

Competency: Computer Equipment

Task: Demonstrate the use of connectivity devices and peripheral equipment (e.g., portable storage devices, printers, cable modem, and wireless technologies).

7. Flat panels, CRT, and Monochrome are all types of which one of the following?
- printers
 - USB drives
 - scanners
 - monitors

Competency: Computer Equipment

Task: Identify and demonstrate resolutions to simple hardware and software problems as they occur (e.g., frozen screen, disk error, and printing problems).

8. A(n) _____ is a set of symbols and rules that are used to write program code.
- software suite
 - compiler
 - programming language
 - interpreter

Competency: Programming Basic Concepts

Task: Identify the types of programming languages.

9. It is estimated that computer crimes cost the nation _____ of dollars each year.
- thousands
 - hundreds
 - billions
 - millions

Competency: Safety and Security

Task: Explain the consequences of illegal, social, and unethical uses of information technologies (e.g., piracy, illegal downloading, licensing infringement, inappropriate uses of software, hardware, and mobile devices).

Introduction to Technology Concepts Answer Key

1. C
2. C
3. C
4. A
5. A
6. B
7. D
8. C
9. C

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