**INTRODUCTION TO TECHNOLOGY CONCEPTS**

**Overview** This event provides recognition for FBLA members who understand the basic principles involved in computer technology.

This is an individual objective test and is only for grades 9 and 10.

**Competencies and Task Lists** http://www.fbla-pbl.orq/docs/ct/FBLA/INTRODUCTIONTOTECHNOLOGYCONCEPTS.pdf

**INTRODUCTION TO TECHNOLOGY CONCEPTS SAMPLE QUESTIONS**

1. The \_\_\_\_\_\_\_ unit is the case that holds the main circuit boards, microprocessor, power supply, and

storage devices. a. house b. main c. system d. abode

2. The technology in which a message is divided into several parcels that can be routed independently

to their destination is called: a. handshaking b. circuit switching c. protocol d. packet switching

3. A file \_\_\_\_\_\_ is defined as the arrangement of data in a file and the coding scheme that is used to

represent the data. a. schema b. type c. native d. format

4. You can use a \_\_\_\_\_\_\_ utility to rearrange the files on a disk so that they are stored in contiguous

clusters. a. compress b. decompress c. compact d. defragmentation

5. Data\_\_\_\_\_\_\_ makes it possible to convert letters, sounds, and images into electrical signals.

a. representation b. remastering c. processing d. management

6. A(n) \_\_\_\_\_\_\_device works with continuous data.

a. binary b. digital c. streaming d. analog

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7. A \_\_\_\_\_\_ contains the smallest unit of meaningful information in a database.

a. field b. record c. structure d. definition

8. The \_\_\_\_\_\_\_ database model remains in use today for storing data characterized by fairly simple

relationships and routine, predictable requirements. a. object-oriented b. hierarchical c. network d. relational

9. In a \_\_\_\_\_\_database, the database is stored on different computers, on different networks, or in

different locations. a. client-based b. server c. distributed d. geographical

10. A field \_\_\_\_\_\_rule is a specification that the database designer sets up to filter the data entered into

a particular field. a. validation b. filter c. cardinality d. structure

11. Software \_\_\_\_\_\_\_\_\_\_ refers to a program development process in which mathematical, engineering,

and management techniques are applied to reduce the cost and complexity of a computer program while increasing its reliability and modifiability. a. analysis b. coding c. engineering d. programming

12. The \_\_\_\_\_\_ performs arithmetic operations, such as addition and subtraction.

a. ATA b. register c. ALU d. control unit

13. In terms of data storage, each 1 or 0 is called a(n):

a. byte b. bit c. analog d. log

14. Executing a\_\_\_\_ command directs the computer to a different section of the program.

a. GOSUB b. MOVE c. NEWSECT d. THEN

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15. In a hierarchical database, a record type is referred to as a(n):

a. node b. parent c. order d. mode

16. The \_\_\_\_\_\_\_\_database model allows many-to-many relationships, in addition to one-to-many

relationships. a. parent-child b. hierarchical c. network d. all of the above

17.\_\_\_\_\_ automatically appear on the screen when a certain action is performed.

a. Toolbars b. File names c. Smart tags d. Tracking changes

18. What do electronic kiosks often have?

a. light pens b. touch screens c. trackballs d. touchpads

19. PDAs ship with a basic \_\_\_\_\_ , which is the primary input device.

a. stylus b. light pen c. keyboard d. touch screen

20. The speed of an ink-jet printer is measured by the number of \_\_\_\_\_it can print.

a. characters per minute (cpm) b. pages per second (pps) c. characters per second (cps) d. pages per minute (ppm)

21.\_\_\_ is a type of high-speed memory that a processor can access more rapidly than RAM.

a. Read only memory b. SDRAM c. Cache memory d. BEDO-RAM

22. \_\_\_\_\_ has been adopted as a network standard for Internet communications.

a. 802.11 b. token ring c. Ethernet d. TCP/IP

23. Generally, users change records in a file:

a. to update old data with new data and when a record no longer is needed b. when they obtain new data and to correct inaccurate data c. to correct inaccurate data and to update old data with new data d. whenever errors are present

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24. A \_\_\_\_\_ is a program that copies itself repeatedly in memory or on a network, using up resources

and possibly shutting down the computer or network. a. utility software b. computer virus c. Trojan horse d. worm

25. When customers make a purchase with a credit card, they are interacting with a(n):

a. MIS b. OIS c. DSS d. TPS

26. Publishing entities, such as news services, use\_\_\_\_\_ to keep Web sites up to date.

a. VPN tunnels b. HTML tags c. CMS d. RAID

27. Internet telephony:

a. uses the public switched telephone network b. is it not very common c. uses a slow speed dial-up connection d. also is called Voice over IP

28. The COM port (short for communications port) on the system unit is one type of:

a. MPEG port b. serial port c. parallel port d. printer port

29. To start up, a computer locates:

a. application software in storage and loads it into memory b. an operating system in memory and loads it onto storage c. application software in memory and loads it onto storage d. an operating system on the hard drive and loads it into RAM

30. The Accelerated Graphics Port (AGP) is:

a. a bus that eliminates the need to install cards into expansion slots b. a bus designed to improve the speed with which 3-D graphics and video transmit c. the most common and slowest expansion bus d. a bus designed to decrease the speed of graphic transmission

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**Hospitality Management Answer Key** 1) C 11) A 21) C 2) D 12) C 22) A 3) C 13) A 23) C 4) C 14) C 24) B 5) A 15) C 25) D 6) D 16) C 26) B 7) D 17) C 27) C 8) C 18) A 28) B 9) D 19) C 29) D 10) D 20) A 30) B

**Introduction to Business Answer Key** 1) B 11) D 21) A 2) C 12) D 22) C 3) C 13) D 23) B 4) D 14) A 24) B 5) D 15) B 25) C 6) A 16) D 26) A 7) C 17) B 27) A 8) D 18) D 28) D 9) C 19) C 29) D 10) C 20) A 30) D

**Introduction to Business Communication Answer Key** 1) C 11) A 21) D 2) B 12) A 22) A 3) D 13) B 23) B 4) A 14) A 24) D 5) A 15) D 25) A 6) B 16) B 26) B 7) B 17) B 27) C 8) B 18) D 28) D 9) D 19) C 29) D 10) D 20) C 30) B

**Introduction to Parliamentary Procedure Answer Key** 1) D 11) C 21) C 2) D 12) A 22) B 3) B 13) B 23) A 4) A 14) A 24) A 5) A 15) D 25) C 6) C 16) D 26) C 7) A 17) A 27) C 8) D 18) C 28) C 9) C 19) C 29) A 10) D 20) D 30) C

**Introduction to Technology Concepts Answer Key** 1) C 11) C 21) C 2) D 12) C 22) D 3) D 13) B 23) C 4) D 14) A 24) D 5) A 15) A 25) D 6) D 16) C 26) C 7) A 17) C 27) D 8) B 18) B 28) B 9) C 19) A 29) D 10) A 20) D 30) B

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