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## INTRODUCTION TO INFORMATION TECHNOLOGY

### Overview

Successful business leaders must understand the impact of technology and understand how to effectively harness it to drive their business success. This event recognizes FBLA members who demonstrate that they have acquired technology skills aligned with the Internet and Computing Core Certification (IC<sup>3</sup>) objectives.

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

### Competencies and Task Lists

<http://www.fbla-pbl.org/competitive-event/introduction-to-information-technology/>

### Website Resources

- Creating Websites  
<http://www.refdesk.com/html.html>
- Database Design  
[http://databases.about.com/od/specificproducts/Database\\_Design.htm](http://databases.about.com/od/specificproducts/Database_Design.htm)
- Spreadsheet Basics  
[http://www.tutorialsforopenoffice.org/tutorial/Spreadsheet\\_Basics.html](http://www.tutorialsforopenoffice.org/tutorial/Spreadsheet_Basics.html)
- Computer Terminology  
<https://pc.net/glossary/>

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## INTRODUCTION TO INFORMATION TECHNOLOGY SAMPLE QUESTIONS

- 1) A signaling method that processes a relatively wide range of frequencies?
  - A) Broadband
  - B) Network
  - C) Baseband
  - D) 802.11n

**Competency:** Networking Concepts

- 2) The OSI model consists of
  - A) breaks.
  - B) layers.
  - C) categories.
  - D) sections.

**Competency:** Networking Concepts

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- 3) Bluetooth technology supports short distance transmission of frequencies up to \_\_\_\_.
- A) 30 feet
  - B) 10 feet
  - C) 5 feet
  - D) 25 feet

**Competency:** Networking Concepts

- 4) The slowest form of Internet connection will typically be \_\_\_\_.
- A) cable
  - B) DSL
  - C) satellite
  - D) dial-up

**Competency:** Networking Concepts

- 5) The \_\_\_\_ manages the behind-the-scenes information and the hardware.
- A) operating system
  - B) peripheral devices
  - C) application software
  - D) hard drive

**Competency:** Operating Systems

- 6) An Internet location that contains content and hyperlinks to other documents or sites?
- A) hyperlink
  - B) ftp site
  - C) Web page
  - D) Web upload

**Competency:** Operating Systems

- 7) URL stands for \_\_\_\_
- A) Uniform Resource Locator.
  - B) Universal Resource Language.
  - C) Uniform Resource Language.
  - D) Universal Resource Locator.

**Competency:** Operating Systems

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- 8) In the URL http://www.espn.com, which part is the domain name?
- A) http
  - B) com
  - C) www
  - D) espn

**Competency:** Operating Systems

- 9) Collection of statements or declarations written in human readable programming language that the computer uses to determine what actions a programmer is trying to have it take?
- A) Composer
  - B) Validation
  - C) Source code
  - D) Insertion

**Competency:** Operating Systems

- 10) Satellites orbiting at 22,300 miles above the surface of the earth are said to be \_\_\_\_.
- A) stratospheric
  - B) deep earth
  - C) atmospheric
  - D) geostationary

**Competency:** Email and Electronic Communication

- 11) The process of converting from analog to digital.
- A) updating
  - B) demodulation
  - C) upgrade
  - D) modulation

**Competency:** Email and Electronic Communication

- 12) A standard by which colors, formats, and graphical information is used to create a consistent look is a \_\_\_\_
- A) template.
  - B) master.
  - C) pattern.
  - D) generic file.

**Competency:** Computer Software

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- 13) A place you can store frequently visited Web sites in Internet Explorer:
- A) Internet options
  - B) Tools
  - C) History tab
  - D) Favorites

**Competency:** Computer Software

- 14) A feature that allows you to type words in a paragraph continually without pressing the Enter key.
- A) online wrapping
  - B) scroll lock
  - C) auto return
  - D) word wrap

**Competency:** Computer Software

- 15) Software that displays cells to make up a grid consisting of rows and columns.
- A) Document
  - B) Presentation
  - C) Photoshopping
  - D) Spreadsheet

**Competency:** Computer Software

- 16) Typing an \_\_\_\_ before the column letter and an \_\_\_\_ before the row will create an absolute cell reference.
- A) @, @
  - B) %, %
  - C) \*, \*
  - D) \$, \$

**Competency:** Computer Software

- 17) Creating a \_\_\_\_ will allow you to display an informal list of all customers in a particular zip code within a database.
- A) form
  - B) table
  - C) report
  - D) query

**Competency:** Computer Software

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- 18) When trying to collect information in a database, the easiest way is to create a \_\_\_\_
- A) query.
  - B) design.
  - C) search.
  - D) question.

**Competency:** Computer Software

- 19) \_\_\_\_\_ are special effects that are displayed when moving between slides.
- A) Transitions
  - B) Formations
  - C) Alterations
  - D) Animatronics

**Competency:** Computer Software

- 20) The \_\_\_\_ is the earliest known tool used for computation.
- A) abacus
  - B) calculator
  - C) microprocessor
  - D) slide rule

**Competency:** Common Program Functions

- 21) The \_\_\_\_\_ symbol is used for wildcard searching.
- A) \*
  - B) @
  - C) \$
  - D) %

**Competency:** Common Program Functions

- 22) Files are written to a disk in \_\_\_\_
- A) divisions.
  - B) bytes.
  - C) packets.
  - D) clusters.

**Competency:** Common Program Functions

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- 23) Used in lieu of a mouse on laptops?  
A) touch pad  
B) stylus  
C) trackball  
D) tablet

**Competency:** Computer Hardware

- 24) Type of reader that uses fingerprinting for security?  
A) MICR reader  
B) OMR reader  
C) biometric reader  
D) OCR reader

**Competency:** Computer Hardware

- 25) The main microprocessor in a computer.  
A) NXT  
B) RAM  
C) CD-ROM  
D) CPU

**Competency:** Computer Hardware

- 26) External devices connected via cables or wirelessly to a computer.  
A) motherboards  
B) peripherals  
C) gadgets  
D) applications

**Competency:** Computer Hardware

- 27) The amount of "short term" memory a computer has is referred to as \_\_\_\_.  
A) CPU  
B) ROM  
C) hard drive size  
D) RAM

**Competency:** Computer Hardware

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28) \_\_\_\_\_ is the process of converting plain text or data via reversible mathematical computation into unintelligible form.

- A) Encryption
- B) Modulation
- C) Demodulation
- D) Decryptizing

**Competency:** Internet Use

29) The definition of war driving is \_\_\_\_.

- A) driving around in a war zone
- B) accessing someone else's Wi-Fi network to gain free access to the Internet
- C) installing a network card and accessing your personal network.
- D) accessing military networks to gain free access

**Competency:** Internet Use

30) A unique digital code attached to a document or an e-mail for the purpose of authenticity?

- A) digital encryption
- B) digital signature
- C) stamped encryption
- D) stamp of authenticity

**Competency:** Internet Use