

**COMP100(CP100) FALL 08-09 MIDTERM EXAM /FACULTY OF COMM.SCI.&AGRICULTURE SCI.&TECH)**

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Date: 05.11.2008/12:00-13:30

1) A(n) \_\_\_\_\_ is a group of two or more computer systems that are connected. 1) \_\_\_\_\_

2) \_\_\_\_\_ software includes the programs that you can use on a computer to complete a specific task, such as creating a database. 2) \_\_\_\_\_

3) The most important kind of memory in a computer is \_\_\_\_\_ memory. 3) \_\_\_\_\_

4) Match the following terms to their meanings: 4) \_\_\_\_\_

- |                                 |   |
|---------------------------------|---|
| I. program                      | A. input, output, processing, and storage                       |
| II. system unit                 | B. organized data   |
| III. information                | C. a collection of related components designed to work together |
| IV. computer system             | D. holds the central processing unit                            |
| V. information-processing cycle | E. instructions to perform a task                               |

5) Replacing human workers by machines is called \_\_\_\_\_. 5) \_\_\_\_\_

6) A(n) \_\_\_\_\_ is used to enable computers to access other computers and the Internet. 6) \_\_\_\_\_

7) Proper disposal of monitors is a problem because they contain phosphor and \_\_\_\_\_. 7) \_\_\_\_\_

8) Which of the following is often considered an additional operation in the information-processing cycle? 8) \_\_\_\_\_

- |               |                   |
|---------------|-------------------|
| A) E-commerce | B) Analysis       |
| C) Ethics     | D) Communications |

9) A personal computer (PC) is also known as a(n) \_\_\_\_\_. 9) \_\_\_\_\_

10) Computer devices that are not integral to the computer are called: 10) \_\_\_\_\_

A) peripherals.	B) processors.
C) externals.	D) terminals.

11) \_\_\_\_\_ are unstructured raw facts. 11) \_\_\_\_\_

12) URL stands for: 12) \_\_\_\_\_

A) Uniform Resource Locator.	B) Unified Record Locator.
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C) Unique Resource Label.

D) Unified Record Label.

13) Which of the following is NOT a top level domain name? 13) \_\_\_\_\_  
A) .ca                      B) .news                      C) .mil                      D) .info

14) Which of the following statements best describes the nature of pages found by using a search with the inclusion operator? 14) \_\_\_\_\_

**mountain+gorilla**

A) Every page with keyword "mountain" will be located.

B) Any page with a reference to both keywords "mountain" and "gorilla" will be located.

C) Any page with a reference to either keyword "mountain" or keyword "gorilla" will be located.

D) Every page with keyword "gorilla" will be located.

15) Broken links are also called \_\_\_\_\_ links. 15) \_\_\_\_\_

16) What is the ability to store previously visited Web page files and graphics on your computer called? 16) \_\_\_\_\_

A) Phrase searching                      B) Uploading

C) Caching                      D) Enabling

17) The Boolean search operator \_\_\_\_\_ is similar in meaning to the exclusion operator. 17) \_\_\_\_\_

18) The ability of a Macintosh computer to work with a UNIX computer is an example of: 18) \_\_\_\_\_

A) interactivity.                      B) interoperability.

C) communication.                      D) cooperation.

19) When using a search engine, symbols such as \* and ? are called \_\_\_\_\_. 19) \_\_\_\_\_

20) A(n) \_\_\_\_\_ system is a network-based system that uses sounds, movies, and text as a method of navigation or illustration. 20) \_\_\_\_\_

21) The process of copying a file from another computer to your computer is referred to as \_\_\_\_\_. 21) \_\_\_\_\_

22) The communications device needed to transmit data over telephone lines is a(n) \_\_\_\_\_. 22) \_\_\_\_\_

23) What is the cause of the last-mile bottleneck that hampers data transmissions on the PSTN? 23) \_\_\_\_\_

- A) There are often more people in a local loop than can be adequately processed.
- B) Many telephones are in rural areas, and signals are slowed due to extra transmission miles.
- C) Most telephones in local loops are still using analog technology.
- D) People tend to use their computers more heavily during peak times.

24) What is the name for a transmission medium that typically transports data in excess of 1Mbps? 24) \_\_\_\_\_

- A) Highband
- B) Superband
- C) Ultraband
- D) Broadband

25) \_\_\_\_\_ is composed of thin strands of glass that transmit pulses of light. 25) \_\_\_\_\_

26) Which type of wiring is used for telephones? 26) \_\_\_\_\_

- A) Twisted-pair
- B) Pulse-modulated
- C) Data redundant
- D) Multiplexed

27) \_\_\_\_\_ is a feature that permits you to send full-color pictures and backgrounds on your cell phone. 27) \_\_\_\_\_

28) The bandwidth of an analog signal is measured in cycles per \_\_\_\_\_. 28) \_\_\_\_\_

29) Match the following terms to their meanings: 29) \_\_\_\_\_

- |                |  |
|----------------|--|
| I. fiber-optic | A. mid-frequency waves as used by AM/FM stations |
| II. infrared   | B. high-frequency radio waves                    |
| III. microwave | C. cable containing thin strands of glass        |
| IV. radio      | D. beams of light through the air                |
| V. satellite   | E. relay station positioned in space             |

30) The expected download speed for PCS is: 30) \_\_\_\_\_

- A) 56 Kbps.
- B) 128 Kbps.
- C) 384 Kbps.
- D) 512 Kbps.

31) Which technology do first generation cellular phones use? 31) \_\_\_\_\_

- A) Tri-modal
- B) Digital
- C) Bi-modal
- D) Analog

32) Microsoft Windows CE operating system is designed to be used on: 32) \_\_\_\_\_  
A) professional workstations. B) handheld computers.

- C) Apple computers.
- D) network servers.

33) All of the following are needed to access your computer in a multiuser environment EXCEPT a(n): 33) \_\_\_\_\_

- A) Internet address.
- B) password.
- C) user name.
- D) home directory.

34) The system utility that you would use to organize the data stored on your computer is called a(n) \_\_\_\_\_. 34) \_\_\_\_\_

35) An operating system that requires you to quit one program before starting a different program is referred to as a: 35) \_\_\_\_\_

- A) foreground operating system.
- B) single-tasking operating system.
- C) background operating system.
- D) multitasking operating system.

36) The desktop environment on PCs and Macintoshes: 36) \_\_\_\_\_

- A) uses a command-line user interface for communications.
- B) lets you have only one program active at a time.
- C) displays computer resources as icons that you can activate by clicking.
- D) is unable to display pull-down menus within an application program.

37) The open source operating system created to work on microcomputers is called \_\_\_\_\_. 37) \_\_\_\_\_

38) The BIOS: 38) \_\_\_\_\_

- A) contains the instructions the computer needs to perform keyboard input and display screen output.
- B) displays input and output information on a graphical screen.
- C) is permanently written in the computer's RAM.

D) is temporarily written in the computer's ROM.

39) Linux is an example of open source software, meaning: 39) \_\_\_\_\_  
A) users can see and modify the source programming code.

B) the software must be purchased from a vendor who markets products on an open commercial website.

C) it has to be configured to your computer system.

D) this software has not been perfected sufficiently to be of professional value.

40) Which of the following statements about Microsoft Windows is TRUE? 40) \_\_\_\_\_  
A) It is interchangeable with Linux.

B) It has the same graphical interface used in UNIX.

C) It is the most commonly used operating system today.

D) It uses a command-line interface for complex operations.

41) Which of the following computer interfaces is the most popular? 41) \_\_\_\_\_  
A) Command-line                      B) Menu-driven

C) Shortcut keystrokes              D) GUI

42) If you \_\_\_\_\_ a file, the original is left intact and a duplicate is created 42) \_\_\_\_\_  
in a new location.

A) delete                                      B) create a shortcut to

C) copy    D) move

43) Match the following extensions to their file types: 43) \_\_\_\_\_

- |           |                        |
|-----------|------------------------|
| I. .doc   | A. Web page            |
| II. .exe  | B. picture file        |
| III. .htm | C. Microsoft Word file |
| IV. .jpg  | D. ASCII file          |
| V. .txt   | E. program file        |

44) Given the file designator below, in which folder is the file located? 44) \_\_\_\_\_

C:\Spring\Computer\Homework\Assg1.doc

A) Spring                                      B) C:

C) Homework                                      D) Computer

- 45) Right-dragging a file between drives: 45) \_\_\_\_\_  
A) moves the file.  
B) copies the file.  
C) displays the task pane.  
D) displays a context-sensitive menu.
- 46) Which view should you use in the Windows My Computer utility to see 46) \_\_\_\_\_  
the most information about a file including its size and modification  
date?  
A) List B) Large Icons  
C) Thumbnail D) Details
- 47) A file named Store.ppt was most likely created with the 47) \_\_\_\_\_  
application software Microsoft \_\_\_\_\_.
- 48) Application files commonly have the extension: 48) \_\_\_\_\_  
A) .exe. B) .doc. C) .txt. D) .prog.
- 49) In Microsoft Windows, the type of application used to create a 49) \_\_\_\_\_  
document is recognizable by the file's \_\_\_\_\_.
- 50) A file with extension .xls is most likely a(n): 50) \_\_\_\_\_  
A) Microsoft Access file. B) ASCII text file.  
C) picture or image file. D) Microsoft Excel file.

## SOLUTIONS

- 1) network
- 2) Application
- 3) random access
- 4) E, D, B, C, A
  
- 5) automation
- 6) modem
- 7) lead
- 8) D
- 9) microcomputer
- 10) A
- 11) Data
- 12) A
- 13) B
- 14) B
- 15) dead
  
- 16) C
- 17) NOT
  
- 18) B
- 19) wildcards
  
- 20) distributed hypermedia
  
- 21) downloading
  
- 22) modem
  
- 23) C
- 24) D
- 25) Fiber-optic cable
  
- 26) A
- 27) Picture messaging
  
- 28) second
  
- 29) C, D, B, A, E
  
- 30) C
- 31) D
- 32) B
- 33) A
- 34) file manager
  
- 35) B
- 36) C

37) Linux

38) A

39) A

40) C

41) D

42) C

43) C, E, A, B, D

44) C

45) D

46) D

47) PowerPoint

48) A

49) extension

50) D