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**DESC200: Final Exam: FALL 2007 – Dec. 6 – 19:00-22:00**  
**Fundamentals of Information Technology**  
**& Business Productivity**  
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Notes

- ANSWER ALL QUESTIONS ON THE MULTIPLE CHOICE ANSWER SHEET PROVIDED
- ENSURE THAT YOU HAVE YOUR NAME AND ID NUMBER COMPLETED
- QUESTIONS ARE NOT ALLOWED. Answer all questions to the best of your knowledge. State the assumptions you are making if you feel necessary.
- ELECTRONIC DICTIONARIES NOT ALLOWED. ONLY *BILINGUAL* PAPER DICTIONARIES ARE ALLOWED.

1. Microsoft Outlook is an example of:

- A) Graphics software.
- ✓ B) PIM software.
- C) Presentation software.
- ✓ D) Web browsing software.

2. A computer virus is:

- ✓ A) Software written with malicious intent to cause annoyance or damage.
- B) A process of scrambling a message so that it cannot be read until it is unscrambled again.
- C) A small device that scans the number off credit cards.
- D) An ID-checking tool to monitor who is logged onto a network.

3. A Web page is an HTML document visually displayed in a:

- A) Web space.
- ✓ B) Web browser.
- C) FTP program.
- D) FTP browser.

4. With spreadsheet software you enter numbers into:

- A) Tuples.
- ✓ B) Cells.
- C) Tables.
- D) Fields.

5. It is recommended that you update your anti-virus software:

- A) On a daily basis.
- ✓ B) On a weekly basis.
- C) On a monthly basis.
- D) On a yearly basis.

6. To change the texture of your background to red tiles contained in the file redtiles.jpg, you would use the following tag:

- A) <background texture="redtiles.jpg">.
- B) <background="redtiles.jpg">.
- ✓ C) <body background="redtiles.jpg">.
- D) <body bkgground="redtiles.jpg">.

7. You connect up to 127 devices on one of these types of ports:

- A) Serial.
- B) Parallel.
- C) Bus.
- D) USB.

8. This is a digital representation of sounds, in which samples of a sound are captured at periodic intervals and stored as unique sequences of 0s and 1s:

- A) Raster audio.
- B) Waveform audio.
- C) Bitmap audio.
- D) Vector audio.

*the* *GRAPHICS*

9. Shareware software is:

- A) Software that you can copy, distribute, and modify without obtaining permission.
- B) Software that comes packaged with stringent licensing agreements.
- C) Software you must purchase from a public stock listing.
- D) Software that you can "test drive" or "try" before you buy it.

10. Which one of the following would not permanently delete and remove a file from your hard disk?

- A) McAfee Office Pro.
- B) Microsoft XP Pro.
- C) Ontrack SystemSuite.
- D) Norton SystemWorks Pro.

*X* *4* *all have permanent delete*  
*XP only one that marks area on HD for "available use," not permanently erased*

11. The smallest unit of information used by a computer is a:

- A) Bit.
- B) Byte.
- C) Character.
- D) Symbol.

*X*

12. An expression for how much data can be sent through a communications channel in a given amount of time is referred to as \_\_\_\_.

- A) connectivity
- B) dial-up
- C) bandwidth
- D) download

13. of the following is NOT an advantage of DSL?

- A) fast download
- B) connection always on
- C) consistent transmission rate
- D) universal availability

14. ISP stands for \_\_\_\_

- A) Internet select provider
- B) Internet service provider
- 17* C) Internet serial provider
- D) Internet service pusher

15. A(n) \_\_\_\_\_ enables many people to simultaneously use the resources of a central computer such as a mainframe.

- A) personal operating system
- B) multi-user operating system
- C) network operating system
- D) object-oriented operating system

16. The .gov, .com, .net and .edu extensions are examples of \_\_\_\_.

- A) emoticons
- B) FAQs
- C) top-level domains
- D) URLs

17. This feature allows information to move in and out of a computer:

- A) Video card.
- B) Ethernet card.
- C) Modem.
- D) Port.

18. The most widely used standard for converting human communication symbols into binary code is:

- A) Unicode.
- B) EBCDIC.
- C) ASCII.
- D) Decode.

19. To create the smallest heading, you use:

- A) <h6>.
- B) <hsmall>.
- C) <h1>.
- D) <smallh>.

20. PIM software is the primary software used on:

- A) Mainframe computers.
- B) Laptop computers.
- C) Minicomputers.
- D) Personal digital assistants.

21. To create the largest heading, you use:

- A) <h6>.
- B) <hlarge>.
- C) <h1>.
- D) <largeh>.

22. A(n) \_\_\_\_\_ is an HTML document visually displayed in a Web browser.

- A) Web page.
- B) Web space.
- C) downloadable file.
- D) ftp file.

23. A(n) \_\_\_\_\_ connects a device, like a keyboard, to the system unit.

- A) bus
- B) port
- C) TFT
- D) AGP

24. This utility software can be used to protect your files and folders as well as enable you to send secure e-mail messages:

- A) Internet Explorer.
- B) Netscape Communicator.
- C) Artisoft's FileAssurity.
- ~~B) Linux.~~

25. With \_\_\_\_\_, you can add devices to your computer and the operating system will find and install the drivers automatically:

- A) user friendly
- B) plug and play
- C) get up and go
- D) hot swap

26. The word processor feature that automatically continues text on the next line when the user reaches the right margin is called \_\_\_\_\_.

- A) scrolling
- B) word wrap
- C) rolling
- D) shifting

27. To insert an image into your Web page, you include the following tag:

- A) <image source>.
- B) <img src>.
- C) <image>.
- D) <image scr>.

28. Bluetooth devices use this technology to send and receive information:

- A) Radio waves.
- B) Infrared light.
- C) Analog signals.
- D) Twisted pair wiring.

29. A preformatted document that provides basic tools for shaping a final document is a \_\_\_\_\_.

- A) template
- B) default
- C) wizard
- D) layout.

30. FAT is an acronym for:

- A) File access table.
- B) File allocation table.
- C) File adjustment table.
- D) File administration table.

31. The user controllable display screen that allows the user to communicate with the computer is the \_\_\_\_.

- A) window
- B) frame
- C) desktop
- D) user interface

32. A type of memory on the CPU where instructions called up by the CPU wait until the CPU is ready to use them is called:

- A) Virtual memory.
- ~~B) RAM cache.~~
- C) Processor cache.
- D) CPU cache.

33. Small pictures that are used with GUIs to represent programs, data files, or procedures are \_\_\_\_.

- A) icons
- B) menus
- C) desktops
- D) frames

34. To underline and italicize the word "hello" on your Web page, you would write the following:

- A) `<underline><italic>hello</italic></underline>`.
- B) `<u><italic>hello</italic></u>`.
- C) `<u><italicize>hello</italicize></u>`.
- D) `<em><u>hello</u></em>`.

35. Menus and icons representing frequently used options are displayed across the top of a window in an area known as a \_\_\_\_.

- A) taskbar
- B) toolbar
- C) title bar
- ~~D) desktop~~

36. A software version tells you:

- ~~A) Which coding scheme was used in designing the software.~~
- ~~B) Which programming language was used to build the software.~~
- C) Which iteration of the software you are using.
- D) Which programming generation was used to build the software.

37. Hypertext markup language (HTML) is the basic language used to create:

- ~~A) Word processing documents.~~
- ~~B) Downloadable Excel files.~~
- C) Web pages.
- D) Shopping carts.

38. The number of dots in a row times the number of dots in a column is expressed as:

- A) Yetapixels.
- B) Zetapixels.
- C) Yotapixel.
- D) Megapixels.

39. To create a numbered list on your Web page, you would:

- A) Start the list with the <ol> tag.
- B) Start the list with the <nl> tag.
- C) Start the list with the <number> tag.
- D) Start the list with the <li> tag.

40. This determines how small you want to compress a file to be:

- A) Shrink rate.
- B) Compression ratio.
- C) Access speed.
- D) Zip speed.

41. Small Java programs that can be quickly downloaded and run by most browsers are called \_\_\_\_.

- a. cookies
- b. applets
- c. active X
- d. hypertext

42. The rapid sequencing of still images to create the appearance of motion is called \_\_\_\_.

- a. animation
- b. hyperlink
- c. script
- d. applet

43. The technology in which software automatically downloads information to your computer is called \_\_\_\_.

- a. pull technology
- b. download
- c. push technology
- d. upload

44. The technology in which customized text, audio, and video are sent automatically to the user on a regular basis is called \_\_\_\_.

- a. webcasting
- b. broadcasting
- c. surfing
- d. streaming

45. Which of the following is NOT a software application used to design web pages?

- a. Microsoft FrontPage
- b. Macromedia Dreamweaver
- c. SQL Server
- d. HTML

46. The name given to online education programs is \_\_\_\_.

- a. telnet
- b. newsgroups
- c. distance learning
- d. online matchmaking

47. To access a newsgroup, a(n) \_\_\_\_ program is needed.

- a. browser
- b. applet
- c. newsreader
- d. chat

48. Which of the following memory chips are used to store fixed start-up instructions?

- a. RAM
- b. ROM
- c. CMOS
- d. Flash

49. Which of the following cards is also known as upgrade board?

- a. cache
- b. accelerator
- c. coprocessor
- d. emulator

50. Trading, banking, and e-money can be classified as \_\_\_\_.

- a. online finance
- b. online job-hunting
- c. online matchmaking
- d. online auctioning

51. What is software that is offered for sale called?

- a. shareware
- b. rentalware
- c. commercial software
- d. public-domain software

52. The exclusive legal right that prohibits copying of intellectual property without appropriate permission is \_\_\_\_.
- a. public-domain
  - b. groupware
  - c. software license
  - d. copyright
53. A major upgrade in a software product is called a(n) \_\_\_\_.
- ~~a. appendix~~
  - ~~b. revision~~
  - c. release
  - d. version
54. A minor upgrade in a software product is called a(n) \_\_\_\_.
- a. appendix
  - b. revision
  - c. release
  - d. version
55. Software that has been obtained illegally is called \_\_\_\_.
- a. public-domain software
  - b. pirated software
  - c. freeware
  - d. shareware
56. A named collection of data or a program that exists in a computer's secondary storage is called a \_\_\_\_.
- ~~a. tutorial~~
  - b. documentation
  - ~~c. software~~
  - d. file
57. Document files such as reports, letter, memos and term papers are created by \_\_\_\_ programs.
- a. spreadsheet
  - b. database management
  - c. word processing
  - d. documentation
58. Electronic spreadsheets are used to create \_\_\_\_ files, which usually are collections of numerical data such as budgets or schedules.
- a. document
  - b. worksheet
  - c. database
  - d. documentation
59. Which of the following is NOT distributed free of charge?
- a. public domain software
  - b. rentalware
  - c. freeware
  - d. Shareware
60. Which of the following is NOT an example of flash memory?
- ~~a. CompactFlash~~
  - ~~b. iPod~~
  - c. SmartMedia
  - d. Mushkin
61. Random access memory is.
- ~~a. Primary storage~~
  - b. Secondary storage
  - ~~c. Backup storage~~
  - d. None of the above
62. An integrated system of all the computers in the world is the \_\_\_\_\_.
- a. Internet
  - b. Networked environment
  - c. solid state computing
  - d. Wireless information infrastructure
63. A small, flat surface used mostly on laptop computers over which users slide their finger to move the cursor is called a \_\_\_\_.
- a. trackball
  - b. pointing stick
  - c. touchpad
  - d. mouse
64. Which technology connects you to the Internet?
- a. wireless
  - b. Cable
  - c. networking
  - d. Modem

65. Which device converts images and sends them to the same kind of device over a telephone line?  
 a. printer  
 b. scanner  
 c. mouse  
 d. fax
66. A byte represents \_\_\_\_\_.  
 a. one character  
 b. eight characters  
 c. a string  
 d. binary large object
67. A byte is made up of \_\_\_\_ bits.  
 a. two  
 b. four  
 c. six  
 d. eight
68. Which of the following disks can be rewritten many times?  
 a. CDROM  
 b. CD-R  
 c. CD-RW  
 d. DVD-ROM
69. In which of the following applications can smart cards NOT be used?  
 a. telephone debit  
 b. backing up data  
 c. building entrance  
 d. bridge toll
70. Data is represented by magnetized or non-magnetized spots on a \_\_\_\_\_.  
 a. tape cartridge  
 b. magnetic tape  
 c. smart card  
 d. optical card
71. What are devices that translate data into a form the computer can process called?  
 a. Input hardware  
 b. Output hardware  
~~c. Printer~~  
 d. Storage hardware
72. Devices that translate information processed by the computer into a form that humans can understand are called \_\_\_\_\_.  
 a. Input hardware  
 b. Output hardware  
 c. Storage hardware  
 d. keyboards
73. Data entered into a computer for processing is called \_\_\_\_\_.  
 a. hard copy  
 b. output hardware  
 c. input  
 d. output
74. Data entered into a computer using a keyboard is called \_\_\_\_\_.  
 a. output  
 b. register  
 c. printing  
 d. input
75. Results of processing are referred to as \_\_\_\_\_.  
 a. output  
 b. input  
 c. input data  
 d. commands
76. Which of the following is NOT an input device?  
 a. light pen  
 b. webcam  
 c. scanner  
 d. monitor
77. Which of the following is NOT an output device?  
 a. monitor  
 b. printer  
 c. scanner  
 d. speakers
78. Which of the following is NOT an example of device that has both input and output capabilities?  
 a. ATM  
 b. scanner-printer  
 c. touch-screen monitor  
 d. digital camera

79. Which of the following terminals is not capable of processing data?  
a. dumb terminal  
b. intelligent terminal  
c. Internet terminal  
d. network computer
80. Which of the following pointing devices are used most often on microcomputers?  
a. touchpad  
b. mouse  
c. keyboard  
d. joy stick
81. Water- or air-cooled computers that cost 5000 dollars to 5 million dollars and vary in size from small to medium to large depending on their use are called \_\_\_\_\_.  
a. workstations  
b. microcomputers  
c. personal computers  
d. mainframe computers
82. A central computer that holds collections of data and programs for connecting PCs, workstations, and other devices is called a \_\_\_\_\_.  
a. client  
b. master  
c. slave  
d. server
83. The combination of several industries (computers, communication, consumer electronics, entertainment, and mass media) through various devices that exchange data in the format used by computers is \_\_\_\_\_.  
a. portability  
b. connectivity  
c. convergence  
d. personalization
84. When copyrighted software is distributed free of charge but requires users to make a monetary contribution to continue using, that software is \_\_\_\_\_.  
a. rentalware  
b. shareware  
c. public-domain software  
d. groupware
85. When users utilize an instruction book or program that takes them through a prescribed series of steps to learn a complex program they are using \_\_\_\_\_.  
a. documentation  
b. a tutorial  
c. productivity software  
d. groupware
86. Which of the following is NOT a type of menu?  
a. drop-down  
b. fly out  
c. push up  
d. pop up
87. An integrated circuit embodies what is called \_\_\_\_\_ technology  
a. Internet  
b. network  
c. solid state  
d. wireless
88. A 200 MHz-processor executes 200 \_\_\_\_\_ clock cycles per second.  
a. million  
b. billion  
c. trillion  
d. quadrillion
89. Which of the following ports transmit data to up to 127 devices in a daisy chain?  
a. serial  
b. parallel  
c. USB  
d. SCSI
90. Which of the following is NOT a secondary storage device?  
a. floppy disk  
b. hard disk  
c. ROM  
d. Flash memory card

91. What is the pointing device normally found on the keyboard of laptop computers that looks like a pencil eraser called?

- a. trackball
- b. touchpad
- c. touch screen
- d. pointing stick

92. Which device uses a light-sensitive processor chip to capture photographic images in digital form on a diskette or on flash memory?

- a. webcam
- b. digital camera
- c. scanner
- d. video card

93. What is the amount of information that is stored in a dot and expressed in bits called?

- a. resolution
- b. clarity rate
- c. dot pitch
- d. color depth

94. What is a non-impact printer that creates characters and images with dots by using a drum and toner called?

- a. laser
- b. ink-jet
- c. bubble-jet
- d. dot-matrix

95. Megabits per second are \_\_\_\_.

- a. 1 million bits per second
- b. 10,000 bits per second
- c. 1,000 bits per second
- d. 100 bits per second

96. The Internet connection that uses regular phone lines to transmit data in megabits per second is \_\_\_\_.

- a. T1 line
- b. cable modem
- c. DSL line
- d. communications satellite

97. An automatic email mailing list of people who regularly participate in discussion topics are called \_\_\_\_.

- a. attachments
- b. instant messaging
- c. listserv
- d. spam

98. A document on the World Wide Web that can include text, pictures, sound, and video is called a \_\_\_\_.

- a. web page
- b. website
- c. URL
- d. HTTP

99. The communications rules or protocols that allow browsers to connect with web servers is \_\_\_\_.

- a. HTTP
- b. HTML
- c. Java
- d. URL

100. Little circles located in front of various options, which can be selected with the mouse, are called \_\_\_\_.

- a. hyperlinks
- b. radio buttons
- c. text boxes
- d. web portals