Exam

Name_____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) The primary difference between RAM and secondary storage devices is: 1) _____
    A) the length of time data is stored.
    B) RAM accepts input; secondary storage devices do not.
    C) RAM is permanent and secondary storage is temporary.
    D) the way data is stored to them.

2) A USB allows a user to: 2) _____
    A) add an additional monitor and printer simultaneously.
    B) add hardware devices without opening the box.
    C) install software in a matter of seconds.
    D) add hardware through more advanced expansion slots.

3) For a program to be read by the CPU, it must be loaded into: 3) _____
    A) the CD drive.
    B) memory or Random Access Memory(RAM)
    C) the BIOS.
    D) the hard disk.

4) What is the term for how words will appear on a page?   4) _____
    A) point size   B) text formatting
    C) character formatting   D) typeface

5) A bit can contain one of two possible values: 5) _____
    A) 0 or 1.   B) 0 or 256.   C) A or B.   D) 1 or 2.

6) _____ is perusing data in a database as if looking through pages in a notebook.   6) _____
    A) Mining   B) Cleansing   C) Browsing   D) Scrubbing

7) A(n) _____ port is faster and more flexible than a traditional serial or parallel port.   7) _____
    A) peripheral   B) server   C) monitor   D) USB

8) T1 and T3 connections are considered: 8) _____
    A) direct connections.   B) direct satellite connections.
    C) broadband.   D) dial-up connections.

9) This virus that attaches itself to macros is called: 9) _____
    A) Trojan horse.   B) email virus.   C) macro virus.   D) time bomb.

10) Several employees sharing their calendars and working together on a training manual is a good   10) _____
use of:
    A) Internet Relay Chat.   B) groupware.
    C) group think.   D) newsgroup software.

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

11) A computer system is not complete without _____ , which tells the hardware what to do.

11) _____

12) Data transfer speed is measured in _____.

12) _____

13) SIMM stands for _____.

13) _____

14) Sockets on the outside of the computer, often in the back, into which you can plug peripherals are the _____ of the computer system.

14) _____

15) The physical components of a computer system are known as _____.

15) _____

16) Nonvolatile memory, etched at the factory, is called _____.

16) _____

17) _____ software is invaluable for people with disabilities who are unable to use their hands.

17) _____

18) A CD-ROM is a type of _____ drive.

18) _____

19) To conduct long-distance meetings in various locations, all computers need _____ software and hardware.

19) _____

20) _____ is a painful affliction of the wrist and hand that results from repeating the same movements over long periods.

20) _____

21) The type of monitor used on laptop computers is a(n) _____ .

21) _____

22) When an instructor writes on a(n) _____ , all information is stored as a digital image on the computer.

22) _____

23) Interaction between the software and the hardware of a computer is handled by the _____.

23) _____

24) Microsoft Office and Adobe Photoshop are examples of _____ software, which can be used on both Windows PCs and Macintoshes.

24) _____

25) Match the following terms to their meanings: 25) _____

 I. Windows task bar   A. organization into compact submenus
 II. hierarchical menus   B. operating system by Apple Computers
 III. document   C. provides one-click access to open applications
 IV. Mac OS   D. virtual workspace on the monitor
 V. window   E. file
 VI. desktop   F. choices depend on the onscreen object currently
selected
 VII. directory   G. also referred to as a folder
 VIII. context-sensitive menus H. framed rectangle that can be opened, closed, or
resized
 IX. Windows Vista   I. innovative task-based user interface

26) The process of the CPU accessing an instruction of a program is known as _____. 26) _____

27) The operating system used by Palm devices is called _____. 27) _____

28) The last step of a word processed document may be to _____ the document after 28) _____
saving it.

29) A(n) _____ is a handheld device that can contain anything from a news story to the 29) _____
Bible.

Match the following items to their names:

30) I.   A.   Excel window   30) _____

     II.   B.   Row

     III.   C.   Cell

     IV.   D.   Labels

     V.   E.   Function

     VI.   F.   Column

     VII.   G.   Values

31) A spreadsheet contains _____ across and columns down.   31) _____

32) If a user wants to show a trend or relationship over time in a graphical way, he or she   32) _____
should create a(n) _____.

33) A picture shown on a computer screen is made up of a number of dots called _____.   33) _____

34) A standard page-description language for describing text fonts, illustrations, and other   34) _____
elements of the printed page is called _____.

35) Match the following terms to their meanings:
    I.   compressing   A. expanding a file into its original form
    II.   streaming   B. combining text, graphics, animation, video, music, and
    voice
    III.   multimedia   C. playing audio or video in real time
    IV.   decompressing   D. squeezing data into a smaller file
    V.   morphing   E. transforming an audio signal into a sound file
    VI.   sampling   F. displaying images as they are imported
    VII.   real time   G. changing and merging one computer image into another

35) _____

36) _____ photographs, drawings, text, or company logos should not be used without permission from the creator.

36) _____

37) DBMS stands for _____.

37) _____

38) A(n) _____ combines tables of data with demographic information.

38) _____

39) In a university database, a student's birth date would be stored in a(n) _____ type field.

39) _____

40) In _____ computing, users can view and change data online.

40) _____

41) _____ is a collaborative information resource of photographs available on the Web.

41) _____

42) A(n) _____ card on the main circuit board adds an additional port to the computer so it can connect to a network.

42) _____

43) A(n) _____ Web site is designed to collect confidential and sensitive information from visitors to the site.

43) _____

44) A(n) _____ is a socket that allows data to pass in and out.

44) _____

45) DSL, cable modems, and wireless connections are classified as _____ connections.

45) _____

46) A search string such as "universities AND Mexico AND NOT New" is an example of _____.

46) _____

47) A(n) _____ server stores programs such as Microsoft Office and makes them available to client programs that request them.

47) _____

48) http://www.sou.edu/business/ba131syl.html is an example of a(n) _____.

48) _____

49) The term once used for malicious computer wizardry is _____.

49) _____

50) The Code Red worm attacked _____.

50) _____

51) _____ connections are the most frequent point of attack for Internet commerce sites.

51) _____

52) B2B stands for _____.   52) _____

53) _____ is the use of computer communications to facilitate medical practice outside the   53) _____
    hospital.

54) An elementary school may use _____ software to keep children from viewing offensive   54) _____
    and inappropriate Web content.

55) A manager at the _____ level deals with supervising the day-in-day-out activities of a   55) _____
    business.

56) The IT _____ includes a company's information systems hardware, software, and   56) _____
    telecommunications equipment, as well as its personnel and organizational structure.

57) An organization may develop a(n) _____ to guide the behavior of its workers.   57) _____

58) The _____ is a consortium of Web hosting companies whose purpose is to protect   58) _____
    consumers from unscrupulous host providers.

59) When a customer shops online, a confirmation _____ is sent to the customer once the   59) _____
    transaction has been accepted.

60) Internet-based companies are referred to as _____.   60) _____

61) _____ language is a low-level language in which instructions are represented by 1s and   61) _____
    0s that the CPU can execute directly.

62) _____ is used by companies who wish to contract systems analysts instead of hiring   62) _____
    them.

63) A database contains only facts, while a(n) _____ base also contains a system of rules   63) _____
    for determining and changing relationships among those facts.

64) Match the following terms to their meanings: 64) _____
    I.   semantics   A. the "world" that the application deals with
    II.   domain   B. contains only facts
    III. database   C. contains facts and relationships
    IV.   knowledge base   D. the "real" meaning of words and phrases

65) Match the following terms to their meanings: 65) _____

    I.   ALU   A.   32 or 64 bit storage for the ALU

    II.   register   B.   memory which is faster than RAM

    III.   prefetch unit   C.   32 or 64 bits processed simultaneously

    IV.   cache   D.   part of the CPU where instructions are performed

    V.   word size   E.   translates an instruction

    VI.   decode unit   F.   retrieves an instruction

    VII. clock   G.   timing device

66) A program that runs on a(n) _____ operating system cannot run on Windows.   66) _____

67) _____ is the technology that recognizes individual characters on a page so they can be   67) _____
stored and eventually edited.

68) A(n) _____ printer produces high quality text and graphics, but is relatively expensive.   68) _____

69) The next Windows operating system is called _____.   69) _____

70) _____ law protects symbols, pictures and sounds.   70) _____

71) The font type that works for both the Macintosh and Windows platforms is called   71) _____
_____.

72) A coaching or help feature that walks a reader through a process step-by-step is known   72) _____
as a(n) _____.

73) _____ is the standard interface which enables a computer to connect to different digital   73) _____
musical instruments.

74) _____ software is used to control manufacturing of products.   74) _____

75) In a(n) _____ database, changes in one file are automatically reflected in other files.   75) _____

76) In a WAN, the collection of common pathways is called the network's _____.   76) _____

77) The top-level domains for countries consist of _____ letters.   77) _____

78) A security patch is a software program that closes possible security breaches in the   78) _____
operating system. The cost to the consumer is _____.

79) _____ is the term used for creation of worldwide businesses and markets.   79) _____

80) A(n) _____ information system has many components including an internal operations   80) _____
database, analytical models and external databases.

81) _____ is the ability to expand to handle increases in capacity.

81) _____

82) _____ is a mix of English and a computer language.

82) _____

83) The process of _____ analysis is used for recognizing and recoloring classic motion pictures or piloting cruise missiles.

83) _____

84) A(n) _____ is a binary digit.

84) _____

85) Match the following terms to their meanings:

85) _____

I.	serial port	A.	sends/receives bits in a group
II.	parallel port	B.	agreed upon benchmarks so devices can be used on all hardware
III.	video port	C.	sends/receives one bit at a time
IV.	USB	D.	used to plug in an external drive or other peripheral
V.	SCSI	E.	used to plug a monitor into the video board
VI.	interface standards	F.	roughly 100 times faster than a PC serial port
VII.	platform independent	G.	a USB device can work on a PC or a Mac
VIII.	FireWire	H.	a new Interface standard developed by Apple

86) A program that lets a user copy, move, and rename files is called a(n) _____ utility.

86) _____

87) WYSIWYG stands for _____.

87) _____

88) The combination of CAD and CAM is called _____.

88) _____

89) In _____ view, the database program shows the data one record at a time.

89) _____

90) A(n) _____ is a group of wires on a computer's circuit board used to carry digital signals.

90) _____

91) A(n) _____ is an Internet tool used to locate what a user is looking for.

91) _____

92) A(n) _____ guarantees that users have permission to perform particular actions.

92) _____

93) _____ includes marketing, sales, support, customer service, buying, and selling on the Internet.

93) _____

94) Donn B Parker developed the ethical guideline, _____ that states, "You should take the action that achieves the greater good for everyone involved."

94) _____

95) The _____ Act requires health care providers and hospitals to protect the confidentiality of an individual's health information.

95) _____

96) A(n) _____ uses rows and columns to document rules and what happens when certain conditions occur.

96) _____

97) _____ intelligence is the application of AI concepts to networks rather than individual computers.

97) _____

98) The keyboard, monitor, and a DVD drive are known as _____.

98) _____

99) I/O, in regard to a computer system, stands for _____ .

99) _____

100) Languages such as C# and C++ are known as _____.

100) _____