Exam

Name_____

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

1) What is a computer that provides software and other resources to computers over a network? 1) _____
   A) server   B) supercomputer   C) workstation   D) mainframe

2) Binary means: 2) _____
   A) there are two possibilities: on and off.
   B) that computers really need to have three or more options.
   C) there are three options: 0, 1, and 2.
   D) the same as a byte: 8 bits.

3) For a faxed document with text to be edited, it must be processed by _____ software. 3) _____
   A) Word   B) OCR   C) modem   D) fax modem

4) Minor revisions in software are reflected in the use of: 4) _____
   A) decimal numbers.   B) version letters.
   C) whole numbers.   D) upgrade code letters.

5) What is the intersection of a column and a row on a worksheet called? 5) _____
   A) address   B) column   C) cell   D) value

6) A standard interface used to send commands between computers and musical instruments is: 6) _____
   A) RealAudio.   B) MIDI.   C) Hypermedia.   D) AAC.

7) When looking for a specific patient in a hospital's database, _____ is more efficient than 7) _____
   browsing.
   A) scrubbing   B) querying   C) keying   D) surfing

8) The three essential components of every computer system include all of the following EXCEPT: 8) _____
   A) people.   B) cables.   C) software.   D) hardware.

9) The system that translates an IP address into an easier to remember name is the: 9) _____
   A) domain name system.   B) domain.
   C) domain numbering system.   D) packet-switching domain system.

10) This virus that attaches itself to macros is called: 10) _____
   A) email virus.   B) time bomb.   C) Trojan horse.   D) macro virus.

11) The creation of worldwide businesses and markets is called _____. 11) _____
   A) globalization.   B) geographical information system.
   C) Global Network Navigator.   D) intranet.

12) The direct, computer-to-computer exchange of standardized, common business transaction 12) _____
   documents between business partners, suppliers, and customers is:
   A) EIS.   B) ERP.   C) ES.   D) EDI.

13) A code of ethics should address all of the following EXCEPT for: 13) _____
   A) permission to record personal information.
   B) intended use of recorded personal information.
   C) scalability.
   D) policy on privacy.

14) In object-oriented programming, objects   14) _____
   A) contain both data and instructions.   B) cannot be reused.
   C) can only send messages.   D) can only receive messages.

15) A typical problem for machine translation is: 15) _____
   A) tone inflection.
   B) the limited vocabulary of natural language.
   C) the amount of knowledge required to understand the meaning of words.
   D) the use of accents.

16) The device that controls all PCs is the: 16) _____
   A) hard disk.   B) microprocessor.
   C) memory.   D) RAM.

17) When a user has access to a high-end desktop computer with a large amount of processing power, 17) _____
   he or she is using a:
   A) supercomputer.   B) workstation.
   C) server.   D) terminal.

18) The CPU is also known as the: 18) _____
   A) microunit.   B) primary storage.
   C) microprocessor.   D) random access memory.

19) Hardware is worthless without _____ , the real controller of a computer.   19) _____
   A) expansion cards   B) software
   C) a user   D) ports

20) When the operating systems concurrently executes many programs, it is called: 20) _____
   A) multitasking.   B) multithreading.
   C) BIOS instructions.   D) system software.

21) A potentially new development of a computer that is able to sense the emotional state of the user 21) _____
   and respond accordingly is known as:
   A) affective computers.   B) virtual reality.
   C) intuitive realism.   D) effective use computing.

22) Computer sounds can be synthesized or: 22) _____
   A) morphed.   B) digitized.   C) analoged.   D) animated.

23) Database software is an example of a(n):   23) _____
   A) application.   B) operating system.
   C) DBA.   D) desktop publishing program.

24) All of the following are true of a wireless network EXCEPT: 24) _____
    A) less trouble to install.
    B) generally faster than wired LAN.
    C) convenient for users that work in many locations.
    D) computers at the nodes can run different operating systems.

25) What was the department of the U.S. government that developed the initial stages of the Internet?   25) _____
    A) Department of the Military   B) Department of Defense
    C) Department of Commerce   D) Judicial Department

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

26) The gap between information technology "haves" and "have nots" is called the _____.   26) _____

27) A bank teller or a travel agent most likely will use a(n) _____ , which is a combination   27) _____
of keyboard and monitor with little, if any, local power.

28) Email stands for _____ .   28) _____

29) In the early 1990s, the Internet transformed into a multimedia environment known as the   29) _____
_____ .

30) Data transfer speed is measured in _____.   30) _____

31) Match the following terms to their meanings: 31) _____

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

32) Hard disk drives, DVD drives, and floppy drives are all forms of _____ storage.   32) _____

33) The keyboard, monitor, and a DVD drive are known as _____.   33) _____

34) To conduct long-distance meetings in various locations, all computers need _____   34) _____
software and hardware.

35) MFP stands for _____ .   35) _____

36) DPI, the resolution of a printer, for example, stands for _____ .   36) _____

37) A CD-ROM is a type of _____ drive.   37) _____

38) Special-purpose computers, games, and handheld computers usually have the operating system stored in _____.

38) _____

39) System software is a type of software that includes the operating system and _____ programs.

39) _____

40) Match the following terms to their meanings:

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

40) _____

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

41) _____

42) A software robot that crawls around the Web to collect information is known as a(n) _____.

42) _____

43) The language used to convert documents so that they can be published on the Web is called _____.

43) _____

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

44) _____

45) A(n) _____ converts analog video signals from a TV broadcast or videotape into digital data.

45) _____

46) DPI stands for _____.

46) _____

47) Data _____ uses artificial intelligence and statistical methods to find trends and patterns in data.

47) _____

48) Because it is a unique identifier for a book, an ISBN number would be an example of a(n) _____ field used in a library database table.

48) _____

49) Match the following five terms to their meanings:

    I.   data mining   A. integrated corporate data kept in a central repository

    II.   data warehouse   B. language used to program complex database queries

    III.   XML   C. process that locates hidden predictive information in large databases

    IV.   SQL   D. software used to manipulate a large collection of data

    V.   DBMS   E. data description language designed for database access on the Web

49) _____

50) Publicly accessible wireless access points are known as _____.

50) _____

51) _____ .is a network of newsgroups available worldwide through the Internet.

51) _____

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

52) _____

53) File _____ distribute programs, media files, and other data files across LANs and the Internet.

53) _____

54) Internet addresses are classified by _____.

54) _____

55) _____ is connecting different types of networks and computer systems.

55) _____

56) RAID stands for _____.

56) _____

57) Operation Cyber Loss was designed by the FBI was to crack down on _____.

57) _____

58) CTO stands for _____.

58) _____

59) Match the following five terms to their meanings and ideas:

    I.   CAI   A. prevents viewing of offensive and inappropriate Web content

    II.   filtering software   B. use of computers and networks for education beyond the classroom

    III. educational simulations   C. software for creating multimedia presentations

    IV. authoring tools   D. combination of drill-and-practice software and tutorial software

    V.   distance education   E. software for exploration and experimentation

59) _____

60) A(n) _____ information system combines the features of MIS and DSS and supports unstructured decision making by a CEO.

60) _____

61) GIS stands for _____.

61) _____

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

62) _____

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

63) _____

64) In the _____ phase of the SDLC, the systems analyst gathers data about the current system and identifies requirements of the new system.

64) _____

65) In the SDLC, the investigation phase focuses on why, while the analysis phase focuses on what. The _____ phase focuses on how.

65) _____

66) AI stands for _____.

66) _____

67) In 1997, IBM's _____ , a customized RS/6000 SP computer, beat Garry Kasparov, a chess grand master.

67) _____

68) Google is an example of a(n) _____.

68) _____

69) Junk email is also known as _____.

69) _____

70) _____ are the most powerful of all computers.

70) _____

71) The wire groups that transfer data between components on the motherboard are known as the _____.

71) _____

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

72) _____

73) When you discover a problem or mistake within a software program, you have found a(n) _____.

73) _____

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

74) _____

75) _____ software allows a photographer to manipulate digital photos and other high-resolution images with tools similar to those found in paint programs.

75) _____

76) _____ databases spread data across networks on several different computers.

76) _____

77) When a Microsoft Word document or picture file is included along with an email message, it is known as a(n) _____.

77) _____

78) When a message is sent through the Internet, it is broken into _____ and then sent.

78) _____

79) _____ hijack Web pages and redirect users to other sites.

79) _____

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

80) _____

81) ERP stands for _____.

81) _____

82) In 1998, the _____ Directive established a high level of legal protection for the privacy of individuals and personal data within the EU.

82) _____

83) Computer _____ deals with the way hardware and software work together.

83) _____

84) Most modern robots include _____ that accept new input enabling robots to correct or modify their actions based on feedback from the outside world.

84) _____

85) The _____ is the portion of an email address after the at sign (@).

85) _____

86) An experimental network backed by the U.S. government eventually evolved into the _____ .

86) _____

87) The first function that computers perform is to receive _____ or information from the outside world.

87) _____

88) A magnetic disk, hard disk, or a floppy disk, use _____ access.

88) _____

89) Ensuring that users have permission to perform particular actions is known as _____.

89) _____

90) The best software for producing a book or magazine is _____ software.

90) _____

91) In 1987, Apple introduced HyperCard, a(n) _____ system that combined text, numbers, graphics, animations, sound effects, music and other media into hyperlinked documents.

91) _____

92) Timesheet transactions collected and used to update payroll files once a week, is an example of _____ processing.

92) _____

93) _____ games like EverQuest II and World of WarCraft support hundreds of thousands of people playing games in an online virtual world.

93) _____

94) Examine the following Web address and match each part to the meaning below:

94) _____

http://www.sou.edu/business/marketing/smithers/ba333/syllabus.html

I.	The entire address	A.	host computer
II.	http://	B.	path
III.	www.sou.edu	C.	protocol for Web pages
IV.	business/marketing/smithers/ba333/syllabus.html	D.	URL
V.	/marketing/	E.	subdirectory
VI.	.edu	F.	domain

95) The field of computer _____ uses special software to scan hard drives of criminal suspects.

95) _____

96) CAI stands for _____.

96) _____

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

97) _____

98) To make employees and customers clearly aware of a company's Web and e-commerce policies, the company should publish a(n) _____ on its Web site.

98) _____

99) 4GL stands for _____.

99) _____

100) Because most human decision making involves ambiguity, _____ logic allows for conclusions that are based on probabilities rather than certainties.

100) _____