

Exam

Name_____

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

- 1) Retail outlets devote up to 75% of their shelf space to _____ software. 1) _____
A) antivirus B) database
C) word-processing D) gaming
- 2) Which type of computer is found in most companies and homes? 2) _____
A) Workstation B) Laptop C) PDA D) Desktop
- 3) Through what electronic interfaces are devices such as keyboards, monitors, mice, printers, and image scanners connected to a computer? 3) _____
A) Busses B) Protocols C) Ports D) Hubs
- 4) What Windows object shows active applications? 4) _____
A) Toolbar B) Dialog box C) Taskbar D) Title bar
- 5) Which of the following is the communications protocol that permits data transmission over the Internet? 5) _____
A) POP B) TCP/IP C) ISDN D) IMAP
- 6) What are the processor's high-speed working storage areas that store only a few bytes called? 6) _____
A) Modules B) Units C) Decoders D) Registers
- 7) What type of device translates data into a form that we can understand? 7) _____
A) Output B) Network C) Input D) Storage
- 8) What term describes a component that can be shared by users on a LAN? 8) _____
A) Lender B) Server C) Borrower D) Attendant
- 9) Under what ages does the Children's Online Privacy Protection Act (COPPA) require Internet Web sites to obtain verifiable consent from parents before collecting, using, or disclosing personal information about children? 9) _____
A) 18 years B) 13 years C) 10 years D) 16 years
- 10) In _____, electronic documents are created that can be retrieved from kiosks or from remote servers. 10) _____
A) electronic literature (e-Lit) B) electronic posting (e-posting)
C) electronic publishing (e-publishing) D) electronic books (e-books)
- 11) Which of the following types of systems helps decision makers choose between alternatives? 11) _____
A) Knowledge base system (KBS) B) Executive information system (EIS)
C) Decision support system (DSS) D) Management information system (MIS)
- 12) What is another name for a short program that contains a sequence of instructions to be performed? 12) _____
A) Servlet B) Macro C) Micro D) Applet

- 13) Which of the following is NOT a frequently cited reason for telecommuting? 13) _____
 A) Money savings on office space B) Increased productivity
 C) Improved employee morale D) Increase of sick time
- 14) What term is used to describe the number of bits (on/off electrical signals) that a channel transmits per second? 14) _____
 A) Throughput B) Raster Rate C) Bandwidth D) Baud rate
- 15) In what year was the first successful minicomputer introduced? 15) _____
 A) 1971 B) 1949 C) 1963 D) 1955
- 16) What type of software consists of books, dictionaries, encyclopedias, manuals, and other printed materials that have been converted into digital media? 16) _____
 A) Presentation B) Documentation
 C) Reference D) Edutainment
- 17) The IEEE 802.11b communications standard is also referred to as: 17) _____
 A) PDQ. B) DSL. C) Wi-Fi. D) Hi-Fi.
- 18) In a digital signal, how is the *off* state expressed? 18) _____
 A) Zero B) One C) True D) False
- 19) What process consolidates files into contiguous clusters? 19) _____
 A) Consolidation B) Defragmentation
 C) Conjunction D) Compression
- 20) What is multi-user software called that is designed to benefit a group of people? 20) _____
 A) Groupware B) Workgroup C) Shareware D) Assistive
- 21) A recent study found that _____ of the 100 most popular shopping Web sites were in compliance with Fair Information Practices, a set of principles that provides basic privacy protection. 21) _____
 A) all B) none C) about 25 D) only one
- 22) Which of the following products is among the most popular consumer items purchased over the Internet? 22) _____
 A) Appliances B) Books C) Livestock D) Automobiles
- 23) What level managers are objective-oriented, with information system requirements that are often one-time reports, what-if reports, and trend analyses? 23) _____
 A) Strategic B) Corporate C) Operational D) Tactical
- 24) Which data flow diagram symbol is the source or destination of data or information flow? 24) _____
 A) Flow line B) Data storage C) Entity D) Process
- 25) The need for stockbrokers has been reduced because of the emergence of: 25) _____
 A) e-money. B) e-tailing. C) e-trading. D) e-stock.

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

- 26) The commonly used device for system navigation with a notebook PC is a(n) _____. 26) _____
- 27) Edutainment games combine _____ and _____. 27) _____
- 28) The screen that contains the Start button, icons, windows, and so on is known as the _____. 28) _____
- 29) The two most frequently used input devices are the _____ and _____. 29) _____
- 30) Computer games are given one of six ratings, ranging from _____ to _____. 30) _____
- 31) The _____ button is used to find Windows Help and Support. 31) _____
- 32) _____ is data that have been collected and processed into a meaningful form. 32) _____
- 33) The first computer "bug" was a(n) _____. 33) _____
- 34) _____ was the first programming language for non-IT professionals, enabling millions to write their own programs. 34) _____
- 35) Mobile workers have found that using an electronic pen, also called a(n) _____, in conjunction with a combination monitor/drawing pad is useful. 35) _____
- 36) Universal high-speed _____ access to the Internet will open the door for more sophisticated forms of entertainment. 36) _____
- 37) _____ software reveals the actual source programming code to users for review and modification. 37) _____
- 38) The _____ is the nucleus of all software activity. 38) _____
- 39) _____ a file converts it from its foreign format to a format that is compatible with the current program. 39) _____
- 40) A(n) _____ is a permanent, electronically accessible recording of information. 40) _____
- 41) When creating a document, a(n) _____ helps you find the right word. 41) _____
- 42) The _____ is a worldwide collection of interconnected networks. 42) _____
- 43) The two ways to send/receive e-mail are via _____ or _____. 43) _____
- 44) The browser's _____ shows the status of transmissions to and from Internet servers. 44) _____

- 45) Each _____ on the Internet, such as an Internet service provider, has a unique IP address and network. 45) _____
- 46) The _____ enables and controls the exchange of data between the PCs in a local area or home networks. 46) _____
- 47) Match the following terms to their meanings: 47) _____
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|----------------------------|--|
| I. volatile memory | A. type of memory found in new PCs |
| II. system unit components | B. houses the processor, RAM, and other electronic components |
| III. DDR SDRAM | C. type of PROM that can be altered easily by the user |
| IV. control unit | D. fundamental section of a CPU |
| V. flash memory | E. type of memory that loses its data when the power is turned off |
- 48) The motherboard's _____ controls the flow of information between all system components connected to the board. 48) _____
- 49) The relatively new 16-bit _____ encoding system includes languages such as Hebrew, Japanese, and Greek. 49) _____
- 50) A(n) _____ tablet and pen is a pen and a pressure-sensitive tablet whose X-Y coordinates correspond with those on the computer's display screen. 50) _____
- 51) _____ drives complement disk/disc storage by providing inexpensive backup capability and archival storage. 51) _____
- 52) The _____, _____, and _____ disks are examples of interchangeable disks found on PCs. 52) _____
- 53) In addition to left and right buttons, Wintel PC mice often will have a _____ between the buttons to facilitate scrolling. 53) _____
- 54) The two most popular LAN access methods are _____ and _____. 54) _____
- 55) About _____ million American families have home networks. 55) _____
- 56) A satellite, which uses microwave signals is essentially a(n) _____. 56) _____
- 57) The Association for Computing Machinery Code of Conduct provides guidelines for both _____ and _____. 57) _____
- 58) The typical user exploits less than _____ % of a software package's features. 58) _____
- 59) _____ percent of major appliances, such as dishwashers and refrigerators are recycled. 59) _____

- 60) Match the following terms to their meanings: 60) _____
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| I. e-tailing | A. graphic representation of the logical structure of a database | |
| II. e-trading | B. presentation of information derived from one or more databases | |
| III. schema | C. online buying and selling of stock | |
| IV. SQL | D. standard query language for relational databases | |
| V. report | E. online retailing | |
- 61) _____ is business conducted online or via some form of data communications. 61) _____
- 62) A(n) _____ language is a user-friendly programming language for requesting information from a database. 62) _____
- 63) _____ allows customers to go online and perform activities such as viewing their accounts, opening an account, and applying for a loan. 63) _____
- 64) Managers seek strategies that give their companies the competitive advantage, especially in the areas of _____ and _____. 64) _____
- 65) Two of the four functions of management are _____ and _____. 65) _____
- 66) System _____ include everything from system functionality to the format of a system's output screens and reports. 66) _____
- 67) _____ testing is the first step in converting and implementing a new system. 67) _____
- 68) A(n) _____ is responsible for constructing and maintaining Internet sites. 68) _____
- 69) Economists can use _____ to aid in their forecasting. 69) _____
- 70) The _____ includes the Start button and shows what programs are running. 70) _____
- 71) _____ or _____ contain lists of sites that you frequently visit. 71) _____
- 72) IBM created the software industry by _____ its products. 72) _____
- 73) A desktop PC's _____ is the box that contains the processor, disk storage, and other components. 73) _____
- 74) Most popular applications programs have at least one _____ file format. 74) _____
- 75) Macromedia Director is an example of _____ software that lets you create multimedia applications integrating sound, motion, text, animation, and image formats. 75) _____
- 76) The downstream DSL rate is between _____ Mbps and _____ Mbps. 76) _____

- 77) An Internet _____ is a cross between a newsgroup and e-mail. 77) _____
- 78) The _____ unit performs all computations and logic comparisons. 78) _____
- 79) Match the following terms to their meanings: 79) _____
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|---------------|---|
| I. clusters | A. actual surface on which information is stored |
| II. VRAM | B. flat areas on a CD or DVD that separate the pits |
| III. lands | C. graphics adapter memory |
| IV. dot pitch | D. adjacent sectors |
| V. medium | E. distance between the centers of adjacent pixels |
- 80) A(n) _____ is an extension of an intranet such that it is partially accessible to authorized outsiders, such as customers and suppliers. 80) _____
- 81) The _____ Act of 1990 prohibits the rental, leasing, or lending of copyright software. 81) _____
- 82) _____ are the fuel for all information technology applications. 82) _____
- 83) Managers at the operational, tactical, and strategic levels often use _____ that highlight critical information. 83) _____
- 84) _____ diagrams allow systems analysts to design and document systems using a structured approach to system development. 84) _____
- 85) Telecommuting is not desirable when job requirements require daily _____ meetings. 85) _____
- 86) Often computers within an organization or a department are _____, so that they can share hardware and software resources. 86) _____
- 87) Very small amounts of money that are used to pay for goods and services are called _____. 87) _____
- 88) A(n) _____ was the first killer app which legitimized the PC. 88) _____
- 89) A(n) _____ is an inexpensive communications device with a monitor and keyboard that is primarily for families that do not have a PC. 89) _____
- 90) A(n) _____ card can be used to pinpoint one's latitude and longitude anywhere on or near earth. 90) _____
- 91) LCD monitors are _____ matrix or _____ matrix. 91) _____
- 92) LAN operating systems come in two formats: _____ and _____. 92) _____
- 93) The average useful life is about _____ years for a business PC and about _____ years for a home PC. 93) _____

- 94) Loosely defined, a(n) _____ is any item that can be individually selected and manipulated. 94) _____
- 95) In _____ processing, transactions are entered into the system when they occur. 95) _____
- 96) Match the following terms to their meanings: 96) _____
- | | |
|----------------------------|--|
| I. proprietary software | A. used to design and document systems using the structured approach to system development |
| II. flow line | B. indicates the path and direction of data or information |
| III. application portfolio | C. handles any size database or any number of users |
| IV. scalable system | D. developed by a software vendor for sale to a specific audience |
| V. data flow diagram | E. organization's applications software |
- 97) Blue Cross and Blue Shield of South Carolina reported that telecommuters had a _____ % gain in productivity. 97) _____
- 98) Match the following terms to their meanings: 98) _____
- | | |
|----------------|---|
| I. system unit | A. set of instructions |
| II. monitor | B. computer case, including the processing and permanent storage devices |
| III. program | C. provides a link to the Internet via a telephone line, digital TV cable, or satellite |
| IV. modem | D. window that asks you to enter further information |
| V. dialog box | E. displays temporary (soft copy) output |
- 99) _____ computers are needed to create three-dimensional prototypes of automobiles or to explore the activities of an atom during a nuclear explosion. 99) _____
- 100) Match the following terms to their meanings: 100) _____
- | | |
|----------------|--|
| I. icon | A. file format supported by many scanners and faxes |
| II. WMF | B. holding area for information |
| III. clipboard | C. intersection of a particular row and column |
| IV. PCX | D. representation of a processing activity or a file |
| V. cell | E. file format used for exchanging graphics between Windows applications |