

Technology Concepts Practice Test

Name: _____

Date: _____

Results: _____

Instructions

Choose the correct answer.

1. A set of instructions sent to a modem that would automate its operation is called
 - a. A script
 - b. A macro
 - c. a dialing sequence
 - d. directions

2. Scanreg backs up the Registry in Windows 98 computers.
 - a. True
 - b. False

3. All of the following are means of disk organization except
 - a. Heads
 - b. Sectors
 - c. Cylinders
 - d. Tracks

4. Building a working model of a new system is called _____.
 - a. Sampling
 - b. Prototyping
 - c. Evaluation
 - d. Construction

5. What is HTML?
 - a. A protocol used for transferring Web pages
 - b. A service that supplies computers with IP addresses
 - c. A service that resolves IP addresses to domain names
 - d. A language used to create Web pages

6. You are building a new Pentium III computer, and you have installed two RIMMs totaling 6GB of memory. However, the computer will not boot. Which of the following could be the problem?
 - a. The processor cannot access the memory type.
 - b. The memory capacity is too low for the processor.
 - c. The memory capacity is too high for the processor.
 - d. There are not enough modules installed.

7. Which of the following most accurately describes the function of I/O addresses?
- They are used by components for direct access to the information in RAM.
 - They are used by components to identify themselves when they communicate with the processor.
 - They are used by components to interrupt the processor.
 - They are used by the processor to identify and communicate with components.
8. Which of the following methods correctly adds new hardware to a Windows 9x system if Plug and Play does not work?
- If Plug and Play does not work, there is no way to get the hardware working in the Windows 9x environment.
 - On the desktop, double-click the My Computer icon, double-click the Control Panel icon, then double-click the Add New Hardware icon.
 - Choose Start > Settings and click on Control Panel.
 - Exit to DOS and use the software that came with the device to run the installation.
9. _____ is the person responsible for the efficient management and security of the company network.
- Network server
 - Network supervisor
 - Network administrator
 - Network manager
10. A 2GB FAT32 partition will have a cluster size of _____ KB?
- 4
 - 16
 - 64
 - 32
11. What tool is used to check a machine for hard drive errors?
- SCANDISK
 - Disk Cleanup
 - System Monitor
 - Disk Fragmenter
12. CyberNanny is software that provides parental controls of the Internet.
- True
 - False
13. The expansion card that allows a node to communicate with the rest of the network is called _____.
- Network operating card
 - Network interface card
 - Fiber optic card
 - Workstation interface card

14. Which OSI layer signals “all clear” by making sure the data frames are error-free?
- Protocols
 - Transport layer
 - Session layer
 - Application layer
15. The _____ layer is responsible for logical addressing.
- Transport
 - Network
 - Data Link
 - Physical
16. What does EPROM stand for?
- Enhanced programmable read-only memory
 - Erasable programmable read-out memory
 - Enhanced permanent read-only memory
 - Erasable programmable read-only memory
17. Why should you recycle printer toner cartridges?
- Because they are sold in very large numbers
 - Because they contain hazardous materials that can contribute to the depletion of the ozone layer
 - Because they contain acids that can cause personal injury
 - Because they contain chemicals that can contaminate the nearby soil or water supply
18. Another term for telecommunications is _____.
- Communicating over a distance
 - Workflow automation
 - Connectivity
 - Local area network
19. Under which circumstance would you run Microsoft’s Disk Defragmenter?
- When you accidentally delete a file
 - When the computer cannot recognize the hard drive
 - When the disk begins to retrieve data slowly
 - When the disk reports corrupted files
20. You want to upgrade your BIOS by “flashing” it. Which procedure should you follow?
- Insert the manufacturer’s floppy disk and turn the computer on.
 - Replace the BIOS chip with a newer model from the manufacturer of the original.
 - Replace the BIOS chip with a newer model that is compatible with the system board and processor.
 - Turn on the computer, and when you see the option to enter the system setup, press the given key combination.
21. In URL addresses, COM is short for _____.
- Communications
 - commercial
 - computer
 - command

22. A document was created in a word processing application but will not print properly. After ensuring that the printer has power and a proper connection to the computer, what is the next thing you should do?
- Use the same application to access the scanner.
 - Reinstall the word processor.
 - Reload the printer's device driver.
 - Try to print from another application.
23. Which of the following would you expect to see on an FTP site?
- A Web page with hyperlinks and graphics
 - A directory structure of downloadable files
 - A directory structure of Web sites
 - A directory structure of the servers used to relay data between your computer and the specified Internet server
24. BBS stands for _____.
- Business board structure
 - British board system
 - Bulletin board system
 - Bulletin business system
25. Spyware consists of
- software that modifies the Windows Registry and adds dynamic link libraries.
 - software of the movie clip: The Pink Panther where Peter Sellers is shown spying on your computer.
 - software that changes your C: Drive to the E: Drive and wipes out all system files.
 - software that installs ActiveX controls and browser helper objects.
26. Adware consists of
- software that lets you add software applications from other users on your network.
 - software that lets you put advertisements on your local newspaper.
 - software that lets you add all of your software applications into a sortable index.
 - software that delivers unrequested browser windows (popups) and ad-sponsored applications.
27. Windows Installer files can be easily identified by the extension
- MSI.
 - DAT.
 - BAT.
 - EXE.
28. GIGO stands for _____.
- Grant independent guest operator
 - Guaranteed internal gap operation
 - Garbage in, garbage out
 - Greater internal gain operation

29. Two types of browsers are _____.
- HTTP and URL
 - Textual and graphic
 - Serial and parallel
 - Hypertext and hypermedia
30. Quick Time and Fast Play are examples of _____.
- Links
 - Software programs called viewers
 - Multimedia files
 - Software programs called finders
31. Ethernet is
- A LAN protocol
 - A star network
 - A network operating system
 - An intranet
32. The concept of drive mirroring refers to
- Dual video display
 - Polishing of disk storage space
 - Data written to two physical disk simultaneously
 - Reflective transfer of data
33. The CPU is located on the _____.
- Processor
 - external port
 - motherboard
 - fatherboard
34. Tangible, physical equipment that can be seen and touched.
- software
 - hardware
 - data
 - operating system
35. Batch processing refers to _____.
- Processing a set of data as each element is received
 - Processing a set of data as a single group
 - Processing a set of data that is defective
 - Processing a set of instructions one at a time
36. The three major components of an operating system are:
- User Interface, Kernel, File Management System
 - CPU, RAM, Hard Drive
 - User Management System, Granule, File Interface
 - ROM BIOS, RAM, Hard Drive

37. The basic job of an ISP is to _____.
- a. Provide access to the Internet
 - b. Design websites
 - c. Transfer e-mail to a server
 - d. Navigate the Internet
38. The CRT contains _____ which allows the electron beam to flow freely.
- a. A vacuum
 - b. Water
 - c. oxygen
 - d. CPUs
39. What are the three different types of PCMCIA cards?
- a. 1 millimeter, 2 millimeter, 3 millimeter
 - b. Type A, Type B, Type C
 - c. Type I, Type II, Type III
 - d. Mini, medium, maximum
40. A CD-ROM disc can hold up to _____ megabytes of data.
- a. 650
 - b. 250
 - c. 100
 - d. 550
41. The oldest, most stable, most robust operating system that runs on non-proprietary system is
- a. OS
 - b. Basic
 - c. MS-DOS
 - d. Unix
42. The standard protocol for sending e-mail is
- a. HTTP
 - b. TCP/IP
 - c. SMTP
 - d. HTML
43. When you dial up to the Internet with a modem, you
- a. Use a phone line
 - b. Use an AT&T operator
 - c. Use a DVD
 - d. Use ARPANET
44. What is the most powerful feature of a database management system?
- a. Query
 - b. File
 - c. search
 - d. add and delete
45. The word modem is taken from the terms
- a. Modulator and demodulator
 - b. Modifier and demodifier
 - c. Modernize and demodernize
 - d. Module and demodule
46. The physical arrangement of a network's layout is called _____.
- a. Topology
 - b. Distribution
 - c. component
 - d. netware
47. The speed at which data is transmitted is expressed as
- a. bps
 - b. cps
 - c. kps
 - d. mps

48. Which of the following is an example of a network?
- a computer attached to a printer and a scanner to input and output information
 - a computer sharing a communication medium to communicate with peripherals or other computers to share information
 - several printers connected to a switch box going to a single terminal.
 - Several diskettes holding information for one workstation.
49. Which network service would you use to delete the contents of a shared folder?
- Applications services
 - Print services
 - message service
 - file service
50. _____ is a standard high-speed parallel interface.
- ITP
 - SCSI
 - UPS
 - PPTP
51. The personnel department is having trouble accessing their corporate database system for checking job postings. Why does this warrant a higher priority?
- because they are handling job postings
 - because they are in the personnel department
 - because the problem is affecting a large number of users
 - because they are using an older system
52. Which of the following will you NOT need prior to installing DNS?
- the DHCP address scope
 - your domain name
 - the hostnames of each server
 - the IP address of each server for which you want to provide name resolution
53. You came to work on Monday morning only to notice that you are having network problems. Your domain controller, which also functions as a database server, appears to be having problems. How can you further investigate the situation?
- check the error log
 - PING the server to see if it responds
 - run diagnostics on the server
 - restart the computer and then begin troubleshooting
54. Which of the following appears to be the most important condition and should warrant the highest priority?
- several users are receiving a message that their hard drives are full
 - several users are receiving a message that their email inbox limit has been exceeded
 - the network is slower than normal accessing the Internet
 - a printer is down in the accounting department
55. What available options are there for taking care of viruses?
- move file
 - cure file
 - delete file
 - all of the above

56. When software vendors want to update their software in a major way and bring out a new version which is sometimes free or sometimes costs money, it is called a(n)
- update
 - upgrade
 - upload
 - patch
57. When creating a presentation, _____.
- be consistent
 - project an image
 - organize the information
 - all of the above
58. A collection of related data.
- field
 - record
 - table
 - database
59. The part of the word processing screen that shows the name of the document on which you are working.
- menu bar
 - title bar
 - status bar
 - toolbar
60. These ports transmit data one bit at a time.
- parallel ports
 - serial ports
 - MIDI ports
 - SCSI ports
61. The technology that enables computers to communicate between each other.
- telecommunications
 - data communications
 - serial ports
 - information technology
62. The cost of modern computers, weighed against the varied tasks they can perform, makes them
- very expensive
 - cost-effective
 - inexpensive
 - very inexpensive
63. Which topology has a layout in which every workstation or peripheral has a direct connection to every other workstation or peripheral on the network?
- Bus
 - Star
 - mesh
 - ring

64. Ethernet is
- a. A LAN protocol
 - b. A star network
 - c. A network operating system
 - d. An intranet
65. The type of cable that would provide the fastest transmission is
- a. Twisted-pair
 - b. Coaxial
 - c. linked
 - d. fiber-optic
66. The intersection of a column and a row is called what?
- a. A label
 - b. A value
 - c. a formula
 - d. a cell

Indicate whether the sentence or statement is true (A) or false (B).

- ___ 67. One of the most often used types of data communication in the business world is a network connection.
- ___ 68. An intranet is for the exclusive use of users within an organization and contains only company information.
- ___ 69. RAM is volatile.
- ___ 70. You can use an expansion board to connect a scanner to your computer.
- ___ 71. Eight bytes are called a bit.
- ___ 72. EBCDIC is a standard code mostly used for personal computers.
- ___ 73. Optical storage devices are laser technology to read and write data on silver platters.
- ___ 74. Dot matrix printers are nonimpact printers.
- ___ 75. As a disk rotates in the computer, an electromagnetic read/write heads stores or retrieves data in circles called tracks.
- ___ 76. A GUI is considered user friendly.
- ___ 77. The Mac OS is used on all IBM PC compatibles.
- ___ 78. With plug and play technology, you need to complete a series of setup procedures.
- ___ 79. The Status bar displays information about a document including current page number, total of pages in document, location of cursor, and the status of some specialized keys.
- ___ 80. Word wrap is the feature in word processing that wraps text around the right margin and continues on the next line.
- ___ 81. The size of fonts is measured in inches.

- ___82. The types of data entered into a spreadsheet will be a label, a value, a formula, or a function.
- ___83. A formula is a statement that performs a calculation.
- ___84. A function is a built in formula that is a shortcut for common calculations.
- ___85. A range of cells is a group of cells closely situated.
- ___86. You can combine comparison operators to perform multiple queries in a database.
- ___87. Information within the records of a database can be changed.
- ___88. A database form can be used to enter records into a table.
- ___89. A cable modem uses coaxial cable.
- ___90. A bridge connects one LAN to another.
- ___91. A protocol is a set of standards.
- ___92. With synchronous and asynchronous communications, information is wrapped in the same manner.
- ___93. HTML is the language of the Web.
- ___94. The Fair Use Act attempts to curb Internet profiling by preventing ISP's from attaching cookies without consumer consent.
- ___95. When searching the Internet for information, the string "or" requires that both terms are present somewhere within the document being searched for.
- ___96. The Ethernet Protocol was the first approved industry standard protocol.
- ___97. Computers have been part of our society for over 100 years.
- ___98. James Moor is one of the pioneers of computer ethics.
- ___99. Keyboarding is also referred to as touch typing.
- ___100. Only until recently, have computers been used in hospitals for record keeping.