

- _____ 1. **Making sure all the computer parts work together is the job of the**
- port.
 - operating system.
 - modem.
 - GUI.
- _____ 2. **Removable media are useful for a classroom teacher because they**
- are read only.
 - cannot be erased accidentally.
 - are portable.
 - have the greatest capacity of any storage device.
- _____ 3. **In the final step of the learning event, the type of evaluation that you will perform is**
- analytic.
 - prescriptive.
 - formative.
 - summative.
- _____ 4. **The rights of the owner of intellectual property are protected by**
- acceptable use.
 - copyright.
 - fair use.
 - codes of ethics.
- _____ 5. **What teachers do when practicing their profession to help students learn is known as**
- instructional planning.
 - an internship.
 - mentoring.
 - pedagogy.
- _____ 6. **A license from a software company that lets the software be used legally on all of the computers at the organization's location is known as a**
- copyright clearance.
 - site license.
 - six-pack.
 - release form.
 - multilicense.
- _____ 7. **In computing, a single byte represents**
- an on or off electronic switch.
 - a pixel on the monitor.
 - a character of data.
 - one unit of disk space.
- _____ 8. **The popular software that helps users enter, edit, and format numeric data is a**
- spreadsheet program.
 - database management system.
 - presentation software package.
 - word processor.

- _____ 9. **Which of the following is a true statement concerning the digital divide?**
- Schools and libraries in disadvantaged neighborhoods are less likely to have technology available.
 - Boys are more encouraged to engage in technology-related activities than girls are.
 - Children in wealthier households are more likely to have a computer in the home and therefore have a head start on achieving computer literacy.
 - All of the above.
- _____ 10. **In terms of document preparation and editing in a word processor, the software provides the capability to**
- format and enhance text as well as check spelling.
 - query and create reports from queries.
 - make what-if analyses.
 - save and print.
- _____ 11. **Well-written performance objectives contain:**
- preorganizer, pedagogy, strategy, and summative evaluation.
 - stem, target performance, method of assessment, and expected degree of success.
 - characteristic of the learner, teacher's method, media, and evaluation plan.
 - sequence, affective statement, skill level, and revision plan.
- _____ 12. **Visuals that do not require projection to display them are**
- virtual reality.
 - less common than projected visuals.
 - three-dimensional objects.
 - nonprojected visuals.
 - low-tech visuals.
- _____ 13. **Software that lets the user "melt" one image into another has the special effect known as**
- morphing.
 - transmuting.
 - wiping.
 - dissolving.
 - animation.
- _____ 14. **ISTE stands for**
- International Society for Technology in Education.
 - International Scientific Technology Evaluators.
 - Institute for Students Technology in Education.
 - Institute Societe for Technologists and Educators.
- _____ 15. **Today, educational technology typically is considered to include**
- only digital media.
 - primarily audio and visual media.
 - print, models, and manipulatives.
 - all types of learning resources and the systems needed to use them.
- _____ 16. **A teacher's role in promoting acceptable use of technology is to**
- install spyware on all computers in the classroom.
 - instruct students about the school's policies and enforce them as necessary.
 - ensure that no student names or personal information is digitally available.
 - arrange access so that all students have equal time on computers.

- _____ 17. **Which of the following tools can NOT be used to author a web page?**
- Word processors.
 - Web development software.
 - Desktop publishing software.
 - An online publication.
- _____ 18. **Which of the following is untrue?**
- Teachers must master Internet skills before they can use the Internet effectively in the classroom.
 - It takes a lot of effort for a teacher to become acquainted with educational resources online.
 - It is the teacher's job to make the Web meaningful.
 - The Internet does not have many educational resources available.
- _____ 19. **Telecommunications is**
- a special network created to provide a way for home and business computers to connect to the Internet.
 - the only hardware solution that makes Internet communication possible.
 - millions of individual machines and networks that have agreed to connect, provide resources to each other, and share data.
 - electronic communication between computers over a distance.
- _____ 20. **Word processing software can assist students who**
- have difficulty holding a pencil.
 - lack fine motor coordination.
 - suffer from dysgraphia.
 - all of the above.
- _____ 21. **In accessing a network from home, the lines that offer faster transmission speeds are**
- wireless.
 - DSL lines.
 - fax lines.
 - phone lines.
- _____ 22. **All of the following are true for cablecast video use in educational centers except that it**
- contains many diverse instructional programs.
 - may carry both standard commercial and educational television.
 - may use the classroom's CCTV monitors already present in the school.
 - is always free to schools.
- _____ 23. **Mailing lists differ from conferences in that mailing list postings are**
- on a site to which you must log in to access them.
 - private, one-to-one communications.
 - sent to individual mailboxes of the people who subscribe.
 - displayed as a threaded discussion.
- _____ 24. **Which of the following is NOT one of the three categories of graphics software?**
- Drawing software.
 - Editing software.
 - Multimedia software.
 - Imaging software.

- _____ 25. **When preparing a learning environment, a teacher should**
- prepare the physical and nonphysical components to maximize success.
 - provide students with appropriate feedback.
 - follow the DID steps to ensure an effective plan.
 - create an instructional action plan that includes the pedagogical cycle.
- _____ 26. **Scaffolding is defined as**
- taking students from their individual baseline and moving them beyond it.
 - moving students through a curriculum.
 - adding an increasing degree of difficulty as students achieve a series of goals.
 - none of the above.
- _____ 27. **Musical intelligence, spatial intelligence, and kinesthetic intelligence are but three of the nine types of intelligence postulated by**
- Skinner.
 - Garden.
 - Gardner.
 - Gagné.
- _____ 28. **Instant messages differ from chats in that instant messages**
- are offered only by high-end service providers.
 - do not allow for privacy during the conversation.
 - are spontaneous and limited to two parties who are online.
 - cannot be saved or recorded.
- _____ 29. **The optical storage medium that can be read only is the**
- hard drive.
 - CD-ROM.
 - floppy disk.
 - CD-RW.
- _____ 30. **In the pedagogical cycle, we see that getting students' attention and letting them know what's coming is important. This phase of the cycle is known as**
- culminating review.
 - setting objectives.
 - reinforcing knowledge.
 - reward.
 - preorganizing.
- _____ 31. **Phone lines that are digital and have transmission speeds that are up to 30 times faster than those of regular phone lines are known as**
- ISDN.
 - ISP.
 - DSL.
 - Internet.
 - URL.
- _____ 32. **One of the key advantages of electronic spreadsheets over their manual counterpart is**
- their ease of setup.
 - their lower cost.
 - their accuracy.
 - B and C.

- _____ 33. **Designations for specific locations on the Web are known as**
- IMs.
 - e-mail addresses.
 - ISPs.
 - URLs.
- _____ 34. **All of the following are among the roles of instructional objectives except:**
- Provide for generic behaviors, such as understanding a topic.
 - Ensure that the learning experiences include the different cognitive levels.
 - Help to focus on student outcomes.
 - Help provide direction for the teacher.
- _____ 35. **A teacher who wants to make a file on a classroom web site readable by anyone who accesses it should**
- save it as a Word file.
 - create the file in HTML.
 - convert it to PDF format.
 - publish the file as a JPEG.
- _____ 36. **The district policies that protect students from accessing unacceptable resources on the web are known as**
- acceptable use policies.
 - virtual access policies.
 - privacy policies.
 - fair use policies.
- _____ 37. **To create a document with graphics, video, and sound to link with other documents is to use**
- draw programs.
 - conceptual media.
 - paint programs.
 - hypermedia.
- _____ 38. **Bertha Simon, who teaches computer classes at Backus High School, has been asked by her principal to make a large banner welcoming the football team back after they have won the state championship. She uses this kind of software:**
- Communications.
 - Spreadsheet.
 - Desktop publishing.
 - Presentation.
- _____ 39. **Compared to floppy disks, CD-ROM discs have _____ storage capacity.**
- more
 - less
 - the same
 - no
- _____ 40. **Software that presents new material using text and multimedia and may include built-in management components is**
- educational games.
 - drill-and-practice software.
 - tutorial software.
 - simulation software.

- _____ 41. **NCATE stands for**
- National Codicil for American Teacher Evaluation.
 - National Committee for American Technology in Education.
 - National Commission Advocating Technology Education.
 - National Council for Accreditation of Teacher Education.
- _____ 42. **An advantage of video for instruction includes**
- wireless narrowcasts between schools in a district.
 - slow-motion and time-lapse perspectives of events.
 - inexpensive recording media and readily available digital video recorders.
 - free digital cable services to all schools.
- _____ 43. **The type of optical storage that allows the user to both read the disk and store data to the disk is a**
- CD-RW.
 - CD-ROM.
 - DVD.
 - USB jump drive.
- _____ 44. **The inexpensive device that lets teachers display computer images using a standard television monitor is a**
- scan converter.
 - projection panel.
 - touch screen.
 - LCD projector.
- _____ 45. **Whenever you include your students in a video, you should**
- let students review and approve their images.
 - get parental permission in writing.
 - be sure to include multiple views of each student.
 - include their names on the video cover.
- _____ 46. **An inexpensive board that uses friction to display visual elements is known as**
- a green board.
 - a cloth board.
 - a flannel board.
 - an opaque projection.
 - a felt board.
- _____ 47. **Businesses that offer networks to allow home and businesses to connect to the Internet are referred to as**
- ISPs.
 - ISDNs.
 - TCPs.
 - portals.
- _____ 48. **A printer's output quality is typically measured by its**
- desktop foot print.
 - page capacity.
 - ability to print in color.
 - dots per inch.

- _____ 49. **When database management is applied to teaching and learning tasks, the software assists students in**
- checking grammar and editing their work.
 - creating and testing formulas.
 - creating clear summaries for student guides.
 - learning to categorize or demonstrate logic when creating a query.
- _____ 50. **You are the principal of the only high school in a large metropolitan school district that has a teacher of Japanese. The other schools want to add Japanese to their course offerings. What is the best and most practical solution to the problem?**
- Give your teacher a reduced teaching load, and send him or her to the other schools to help out.
 - Bus their students to your school, and hold classes after school.
 - Repurpose the class for electronic distance delivery.
 - Offer the classes as correspondence courses.
- _____ 51. **One of the key issues for teachers who are preparing a course to teach at a distance is**
- support.
 - time management.
 - finding appropriate resources.
 - creating activities.
- _____ 52. **The software that is typically included in a productivity package is**
- gradebook, seating chart, class roll, and attendance tracking.
 - word processing, spreadsheet, database management, and presentation.
 - Internet access, e-mail, dial-up software, and chat software.
 - desktop publishing, authoring, classroom management, and presentation.
- _____ 53. **To capture a digital image of a page of a reference book, it is best to use a**
- digital camera.
 - multifunction device.
 - flat-bed scanner.
 - page scanner.
- _____ 54. **E-books allow students to**
- keep a personal journal in a digital format.
 - take tests and complete writing assignments via a school network.
 - track their grades via personal gradebook software.
 - view and take notes on digital versions of books.
- _____ 55. **Which is an assistive output device?**
- Scanner.
 - Bluetooth.
 - Mac OS.
 - Touch screen monitor.
- _____ 56. **Concept mapping**
- supports idea formation as well as each step of the writing process.
 - is used after brainstorming to implement ideas.
 - is beneficial to gifted students but not to disabled ones.
 - allows brainstorming in outline mode but not in diagram mode.

- _____ 57. **The policy that articulates the ways in which the Internet can be used by students is**
- the acceptable use policy.
 - the academic web policy.
 - the filtering policy.
 - the privacy policy.
- _____ 58. **A teachers who wanted to download a shareware or freeware teaching tool would likely use**
- conferencing.
 - FTP.
 - e-mail.
 - Usenet.
- _____ 59. **Asynchronous technologies cannot provide**
- interactivity.
 - multilocation delivery.
 - video, voice, or data.
 - continual instruction and redirection.
- _____ 60. **Speech synthesizers and screen readers are examples of**
- simulation software.
 - integrated learning systems.
 - special needs software.
 - educational games.
- _____ 61. **WiFi stands for**
- wired fidelity.
 - wireless fidelity.
 - wireless frequency.
 - wide fidelity.
- _____ 62. **The type of software that typically makes it possible for users to accomplish a desired task is**
- an operating system.
 - communications software.
 - application software.
 - a utility program.
- _____ 63. **Syllabi, class outlines, and discipline reports are practical applications of**
- systems procedures.
 - spreadsheet functions.
 - word processing packages.
 - database functions.
- _____ 64. **Ms. Axelrod considers her ninth-grade Spanish class to be unique in their needs and levels of performance. She has found no commercial software that correlates with her curriculum, so she is using**
- tutorial software.
 - authoring systems software.
 - graphics software.
 - drill-and-practice software.

- _____ 65. **Which of the following should you always try to have in any visuals that you create?**
- Coherence.
 - Relevance.
 - Uniformity.
 - Consistency.
 - A, B, and C.
- _____ 66. **In the self-paced remediation lab at the middle school where you are teaching, the students are working with multimedia skills reinforcement software. For the auditory component of the programs in this setting, the peripherals of choice are**
- headphones.
 - laser printers.
 - microphones.
 - speakers.
- _____ 67. **An intriguing feature of spreadsheets is their unique ability to help forecast the results of changing conditions, such as developing a budget. This feature is known as**
- what-if analysis.
 - forecasting.
 - predicting.
 - guesstimating.
- _____ 68. **Popular input devices that require only limited desk space include**
- flat-screen monitors and Zip drives.
 - PDAs and printers.
 - trackballs and touch pads.
 - mouse and monitor.
- _____ 69. **A flat, pressure-sensitive panel that you touch with your finger and on which move your finger around to provide input to a computer is known as**
- the bootstrap.
 - a trackball.
 - a touchpad.
 - a mouse.
- _____ 70. **To have designated e-mail messages sent to a group of addresses, it is best to use a**
- buddy list.
 - listserv.
 - buddyserv.
 - listsite.
- _____ 71. **The World Wide Web is**
- the least frequently used aspect of the Internet.
 - a collection of hyperlinked graphics-oriented sites that can be accessed via the Internet.
 - larger than the Internet.
 - available only to those who subscribe to an ISP and have an upgraded browser.

- _____ 72. **Video study guides are useful tools with video instruction because they**
- offer multisensory instruction.
 - engage the learner in an active experience that is related to the video.
 - encourage discovery learning.
 - offer opportunities for social learning.
- _____ 73. **Social constructivism is a perspective on learning that suggests learning is**
- the result of the collaboration of learners to construct knowledge.
 - the result of assimilation and accommodation.
 - a developmental process correlated to age.
 - behavior modified by reward and punishment.
- _____ 74. **Real displays that represent a scene generally created within a cardboard box and relevant to an instructional topic are**
- mobiles.
 - learning boxes.
 - dioramas.
 - models.
- _____ 75. **Hard disks differ from other storage media in that they**
- have a maximum storage capacity of 1 gigabyte.
 - provide only temporary storage while the power is on.
 - store data magnetically.
 - are permanently fixed inside the computer.
- _____ 76. **Before including students in a video, the teacher should**
- get written permission from their parents.
 - let them know how to dress.
 - have them storyboard their roles.
 - take a series of stills to see whether they are photogenic.
- _____ 77. **Which of the following is NOT one of the three primary categories of design elements?**
- Color.
 - Visual.
 - Affective.
 - Text.
- _____ 78. **Of these, the highest-quality prints will be obtained from the**
- fax/printer.
 - laser printer.
 - dot matrix.
 - ink jet printer.
- _____ 79. **Blogs are**
- a popular term for a structured online discussion group.
 - virtual online spaces that support the posting of personal commentary on the Web.
 - a page of frequently asked questions that accompanies a web page.
 - repositories of data concerning a web site's setup.
- _____ 80. **You have a student who does his homework accurately and on time. When you return it, you orally commend him and smile. This is an example of**
- classical conditioning.
 - connectionism.
 - behaviorism.
 - trial and error.

- _____ 81. **An effective web page has**
- clear navigation options.
 - user-friendliness
 - some pages that offer text only.
 - A and B.
- _____ 82. **After photo images have been transferred from a digital camera to the hard drive, the images in the camera**
- lose significant quality.
 - may be deleted if you wish.
 - are left in the camera, but they can be recorded over.
 - can no longer be viewed.
- _____ 83. **To help children build listening skills, teachers can**
- encourage independent discovery learning.
 - maintain a very quiet and orderly classroom atmosphere.
 - provide multiple opportunities to work in cooperative learning groups for research.
 - emphasize concentration and attention, restate the message, and clarify through questions.
- _____ 84. **To view a photographic image taken on a digital camera, you usually first use a**
- TV monitor.
 - color ink jet printer.
 - built-in LCD screen.
 - scan converter.
- _____ 85. **As with the research on the use of objectives, it was found by the 1960s through educational research and a lack of student interest and motivation that learning was not significantly improved by the use of**
- programmed instruction.
 - language labs.
 - television.
 - computers.
- _____ 86. **The purpose of IQ tests is to**
- identify personality types.
 - define cognitive style.
 - predict scholastic performance.
 - describe preferred learning style.
- _____ 87. **One of the greatest challenges in distance education is**
- maintaining feedback.
 - finding asynchronous technologies to support instruction.
 - finding synchronous technologies to support instruction.
 - arranging for examinations.
- _____ 88. **Information about just one item or person, such as the name, address, telephone number, and parents' names of one student, in a database program is a**
- record.
 - field.
 - file.
 - report.

- _____ 89. **Emerging technologies in education are those that**
- are not suitable for use in the classroom.
 - have been used in schools for less than ten years.
 - have only begun to be used in schools.
 - have been designated too expensive for most districts.
- _____ 90. **In addition to organizing numeric information, spreadsheet software can manipulate numeric data easily because the software has built-in**
- formulas.
 - fields.
 - mouse commands.
 - decimal holders.
- _____ 91. **When acquiring academic software, the teacher's primary role is to**
- identify the computer specifications for the software under consideration.
 - install purchased software on all computers in the classroom.
 - teach children how to use the software.
 - evaluate and identify appropriate software for classroom instruction.
- _____ 92. **If you designed a lesson following the concept of behaviorism, after a student gave a response, you would give her**
- instructions to continue on through the test after answering each item.
 - time out.
 - feedback as to whether she was correct.
 - another assignment.
- _____ 93. **Students who have difficulty following oral instruction find it helpful if the teacher uses**
- audio media.
 - traditional audio.
 - simple speech repetition.
 - a faster speaking speed.
- _____ 94. **Which technology is not a fairly recent development?**
- Facebook.
 - Abacus.
 - Twitter.
 - MySpace.
- _____ 95. **The word processing feature that is a mini-program to create customized documents is a**
- macro.
 - assistant.
 - WSYIWG.
 - wizard.
- _____ 96. **Adobe Acrobat Reader converts traditional publications to an exact replica of the original pages using what format?**
- GIF.
 - PDF.
 - JPEG.
 - FTP.

- _____ 97. **CD-ROMs and DVDs are referred to as**
- analog media.
 - optical media.
 - graphics media.
 - streaming media.
- _____ 98. **When you purchase a scanner, it will probably come with**
- multimedia software.
 - drawing software.
 - imaging software.
 - paint software.
- _____ 99. **A(n) _____ is a function of your web browser that allows you to store URLs.**
- bookmark.
 - favorite.
 - academic tool.
 - A and C.
 - A and B.
- _____ 100. **To address the digital divide, the Federal Communications Commission established a discounted cost for telecommunications service for community access centers known as**
- the e-rate.
 - digital equality.
 - the Public Broadcasting System.
 - the Bill and Melinda Gates Foundation.
- _____ 101. **Including multimedia on a web site is useful to educators because multimedia**
- helps students to more easily navigate the site.
 - assists students in the use of a search engine.
 - better addresses diverse learning styles.
 - links pages more directly so that students can find them.
- _____ 102. **Which of the following is NOT one of the four major types of productivity software found in most school and business environments?**
- Electronic spreadsheets.
 - Electronic whiteboards.
 - Presentation software.
 - Word processing.
 - Database management systems
- _____ 103. **As computer power increases, the size of the computer system tends to decrease. This is exemplified by palm-sized computers known as**
- laptops.
 - minibooks.
 - Kindles.
 - smartphones.
 - netbooks.

- _____ 104. **If an instructor assigns gifted students a long-term project in which they can select to videotape their construction of models, conduct interviews, design display booths, or record informational audiotapes, the teacher is striving to accommodate**
- administrative policies.
 - technology integration.
 - different age groups.
 - different learning styles.
 - gender differences.
- _____ 105. **One of the great advantages of an electronic spreadsheet is that you can relate cells to each other so that changing data in one cell will make changes**
- in all cells that are related to each other.
 - in a target field.
 - in up to five other cells.
 - automatically in a target cell.
- _____ 106. **Mounted on a stand, a video camera that photographs and projects as live video images and documents placed on its documents table is**
- a digital camera.
 - a coolpix camera.
 - an LCD projector.
 - a document camera.
- _____ 107. **Predesigned graphic elements that can be inserted in student handouts, flyers, or posters are called**
- G-elements.
 - clip art.
 - images.
 - drawings.
- _____ 108. **Dioramas, classroom displays, and other touchables are in the category of**
- graphics.
 - print materials.
 - exhibits.
 - models.
 - bulletin boards.
- _____ 109. **By storyboarding a lesson built with hypermedia authoring software, you can create**
- firewall software.
 - sniffer software.
 - multimedia software.
 - antivirus software.
- _____ 110. **Computer-generated transparencies for ink jet printers use film that**
- has a white strip on the leading edge.
 - is heat tolerant.
 - is porous.
 - A and C.
 - B and C.

- _____ 111. **In a systems view of teaching and learning, teaching and learning are**
- the direct result of student abilities and attitude.
 - successful only if teachers equally emphasize all intelligences and styles.
 - a step-by-step process in which many variables interact to transfer knowledge.
 - a random, on-the-fly approach to instruction.
- _____ 112. **One-to-one chats that can be started whenever another user is online at the same time are known as**
- IM.
 - a heated discussion.
 - instant messaging.
 - A and C.
- _____ 113. **Digital video compression is important to using video over the Internet because**
- it creates clearer images.
 - it does not require software.
 - it saves audio with the video.
 - it makes download of large video files faster.
- _____ 114. **The type of software that uses fields, records, and files to organize and display data is**
- classroom management software.
 - word processing software.
 - electronic spreadsheet software.
 - database management software.
- _____ 115. **The different types of thinking skills have been categorized by several theorists. One of the most popular of these systems is known as**
- Bloom's taxonomy.
 - Meyer's categories.
 - Krathwohl's taxonomy.
 - Simpson's taxonomy.
- _____ 116. **When creating a hypermedia lesson, a teacher typically**
- converts all files to PDF files before uploading them to a web page.
 - plans the sequence of instructional screens and then uses authoring tools to create software that follows that sequence.
 - adds the appropriate computer-assisted instruction to the traditional lesson plan.
 - designs a concept map that can then be converted to a student handout for the lesson.
- _____ 117. **The difference between freeware and shareware is that**
- freeware is free to schools, while shareware can be given only to students.
 - freeware comes with the computer, while shareware comes with other software.
 - freeware is offered without charge, while shareware must be paid for after being tried.
 - freeware is free when you purchase a companion product, while shareware is not.
- _____ 118. **Which would not be considered educational technology**
- Photography.
 - Computers.
 - Educational standards.
 - The Internet.

- _____ 119. **It looks like a pen but is used to draw on an electronic pad, not paper. It is called**
- a laser pointer.
 - a joystick.
 - an LCD display.
 - a stylus.
- _____ 120. **Software that provides students the opportunity to interact with model environments and promote discovery learning is**
- integrated learning systems.
 - simulations.
 - educational games.
 - drill-and-practice.
- _____ 121. **Parents must give permission for teachers to**
- let students use software.
 - use search engines.
 - allow students on a network.
 - publicly display student work or images.
- _____ 122. **If a file has been saved in PDF format, to open and read it, you will need to have installed on your computer the program called**
- Netscape.
 - Real Player.
 - Acrobat Reader.
 - PDF Reader.
- _____ 123. **Which of the following is NOT a method for recording or playing audio material?**
- E-books.
 - Cassette recorder.
 - MP3 player.
 - DVD.
 - All of these will work.
- _____ 124. **Convergence will benefit schools by**
- offering more software.
 - making wireless networks possible.
 - limiting costs to fewer technologies and related training.
 - bridging the digital divide.
- _____ 125. **Three of the key learner characteristics about which a teacher should be aware are**
- reaction time, dominant intelligence, and IQ.
 - IQ score, NETS score, and reaction time.
 - learning style, cognitive style, and types of intelligence.
 - MBTI profile, ISTE score, and IQ score.
- _____ 126. **A user name followed by the @ sign and then the location of the electronic mailbox is**
- a URL.
 - a server address.
 - an ISP.
 - an e-mail address.

- _____ 127. **The document camera is uniquely useful in the classroom because it can**
- display transparencies.
 - project opaque documents and 3-D objects.
 - show photographic slides.
 - display computer images and play digital sound.
- _____ 128. **A major characteristic of dynamic instructional design models is their**
- flexibility.
 - popularity.
 - research support.
 - stability.
- _____ 129. **The floppy disk is**
- a way to use up much hard disk space when data is stored on them.
 - small, inexpensive, reliable, and easy to store.
 - able to store about half as much data as a CD.
 - growing in popularity.
- _____ 130. **An example of a common input device is a**
- monitor.
 - mouse.
 - printer.
 - speaker.
- _____ 131. **In the classroom, the advantage of headphones over speakers is that**
- headphones have more clarity than speakers.
 - using headphones does not disturb other students' work.
 - headphones are not as easily broken or lost.
 - headphones allow multiple students to hear the same output.
- _____ 132. **Which of these is NOT one of the three main features of a word processor?**
- Desktop publishing.
 - Document preparation.
 - Autoformatting.
 - Archiving and printing.
- _____ 133. **A method for transferring files among computers on the Internet is**
- search engines.
 - modems.
 - video conferencing.
 - file transfer protocol.
- _____ 134. **WAV and MP3 files are examples of**
- GIF files.
 - audio files.
 - visual Internet files.
 - PDF files.
- _____ 135. **Which is an example of an interactive or touch screen display?**
- Newscaster voting or weather maps.
 - Smartphones.
 - MP3 players.
 - All of the above.

- _____ 136. **An ethical issue arising from the digital age is**
- personal privacy.
 - the e-rate.
 - the cost of computers.
 - software compatibility.
- _____ 137. **Problem-solving software is a class of academic software in which students**
- practice essential skills multiple times until they have mastery.
 - can acquire skills in and practice forming and testing hypotheses and solutions.
 - try out simulated real-world experiences.
 - are instructed in content while playing video games.
- _____ 138. **When selecting an authoring system, a teacher should consider**
- the edutainment value of the software that is produced.
 - whether concept mapping is included.
 - ease of use and capabilities.
 - the grade level of the software that is produced.
- _____ 139. **To get instant feedback for assessment, such as physical education fitness, a music lab activity, or reading competency, students have been shown how to use**
- desktop or laptop computers.
 - webcams or digital cameras.
 - scanners or punch cards.
 - handheld computers or PDAs.
- _____ 140. **Which expensive and rather passive audiovisual technology became popular in schools in the 1950s, had declined by the mid-1960s, but is still being used in schools?**
- Speaker phones.
 - Speech compression.
 - Television.
 - Language labs.
- _____ 141. **The system that a school uses to block inappropriate pages is known as**
- acceptable use.
 - filtering.
 - privacy.
 - classroom management tools.
- _____ 142. **Academic tools and resources on the web include**
- grammar and spell checkers.
 - prepared storyboards.
 - web hosting services.
 - downloadable teacher software and lesson plans.
- _____ 143. **Although any photographic image can be enlarged, when selecting a digital camera that will provide images with sufficient resolution to make high-quality 8 × 10 prints, you should seek a camera with at least how many megapixels of resolution?**
- 5
 - 3
 - 4
 - 2

- _____ 144. **A program that can cause damage to your computer system and that should be scanned for whenever you start your computer is a**
- utility.
 - troll.
 - firewall.
 - virus.
- _____ 145. **Catching students up on missed class work is a perennial problem at all levels and grades of instruction. For information that is presented visually, one solution is to present the material as usual by writing on a display surface but also to store the information for later retrieval. This display surface is known as**
- a scanner.
 - an electronic whiteboard.
 - a printer.
 - a handheld computer.
- _____ 146. **The Design-Plan-Act! planning system is commonly referred to as**
- the DP Act.
 - the design plan.
 - the DID plan.
 - D-P-A.
- _____ 147. **Personal religious beliefs and cultural views that may alter a student's perception of the information communicated by a teacher are an example of**
- multiple intelligences.
 - cognitive styles.
 - personal filters.
 - learning styles.
- _____ 148. **For most K–12 districts,**
- distance delivery is not likely to have benefits.
 - teachers would have few reasons to support distance delivery.
 - distance education offers a technology-enhanced solution to increasing course offerings across the district.
 - technological readiness for distance education is unlikely in the next 50 years.
- _____ 149. **Software that includes clip art libraries and enables the user to draw, paint, and manipulate objects is known as**
- hypermedia.
 - graphics software.
 - multimedia software.
 - editing software.
- _____ 150. **Using the DVC online site to research learning styles, Mrs. McCarthy sees bold, underlined topics in the text. By clicking on "Learning Styles Survey" as she reads through the text, she can skip to a survey to find out her own and her students' dominant learning styles; then, with another click, she can return to the home page. This "skipping" between interactive pages is made possible by**
- interpreters.
 - howlers.
 - translators.
 - hyperlinks.

- _____ 151. **Printer resolution is measured as**
- dot pitch.
 - bit-color.
 - ppm.
 - dpi.
- _____ 152. **Unwanted e-mail is known as**
- instant message.
 - listserv.
 - spam.
 - threads.
- _____ 153. **When creating effective transparencies for classroom use, a teacher should**
- use only black-and-white for maximum contrast and visibility.
 - include multiple types of fonts and multiple graphics to add interest.
 - eliminate unnecessary text detail to keep the message clear and concise.
 - follow the Rule of Seven: no more than seven words and images per transparency.
- _____ 154. **Visualize the CPU surrounded by input, output, memory, and storage functions. This is a visual diagram of**
- IOMS.
 - DID.
 - the computing cycle.
 - the operating system.
- _____ 155. **Although it might not be the most exciting part of teaching, it might well be the most critical. What activity is this?**
- Instructional planning.
 - Maintaining a class web page.
 - Writing notes to parents.
 - Previewing videos, software, and other media before use.
- _____ 156. **The advantage of a computer discussion in teaching and learning is that it**
- provides real-time interaction for those who are online.
 - typically includes multimedia to address multiple learning styles.
 - lets students receive e-mail in their own accounts.
 - offers threaded discussions on a topic that can be carefully reviewed and considered.
- _____ 157. **Internet meetings are made possible by**
- digital video editing and video compression software.
 - video cards and digital video editing software.
 - a classroom video camera and video cards.
 - a monitor-top video camera and video compression software.
- _____ 158. **Techniques and activities in which teachers require students to engage to master content are**
- assessment strategies.
 - teaching strategies.
 - learning strategies.
 - pedagogical strategies.

- _____ 159. **In selecting software for the classroom, it is first necessary to ensure that**
- the software is consistent with the classroom machine's specifications.
 - the software addresses diverse learning styles.
 - the software features both text and colorful graphics.
 - the software is at the correct grade level for your students.
- _____ 160. **To keep students on task while viewing a video, it is important to provide them with a**
- study guide.
 - copy of the video to take home.
 - summary of the video.
 - pretest over the topic.
- _____ 161. **The Internet software that allows online individuals to see and talk to each other while sharing files is**
- visual FTP.
 - virtual reality.
 - videoconferencing.
 - telephony.
- _____ 162. **Computer storage that is long term and continues after the power to the computer has been turned off is**
- input.
 - disk storage.
 - output.
 - RAM.
- _____ 163. **To protect classroom computers from computer viruses, a teacher should**
- use only floppy disks in classroom machines.
 - use an updated antivirus program regularly.
 - use only network programs.
 - set up a personal firewall.
- _____ 164. **The Internet service that allows people to interact real time by entering questions and writing responses while online is**
- an e-mail program.
 - a chat.
 - a mailing list.
 - a conference.
- _____ 165. **An effective classroom application of audio cassette tape would be to**
- capture and use oral histories for a social studies activity.
 - interact with national experts in science and math.
 - chart differences and analysis of a science experiment.
 - develop a visual timeline of historical events.
- _____ 166. **An education portal is a web site that**
- provides updates of browsers for educators.
 - allows students to download music and data files.
 - allows teachers to submit articles to online publications.
 - provides educationally oriented resources to online users.

- _____ 167. **If you follow parts of each theory as they fit with your learning objective, then you might be called**
- a behaviorist.
 - an eclectic instructor.
 - a cognitivist.
 - a social constructivist.
- _____ 168. **The ability to find a desired piece or pieces of data from a database that holds thousands of pieces of information is known as**
- a query.
 - a search.
 - a find.
 - B and C
- _____ 169. **Every Saturday night, Belle and Chase look forward to going to the local YMCA to square dance. Which type of intelligence is prominent in this activity?**
- Intrapersonal.
 - Logical-mathematical.
 - Kinesthetic.
 - Spatial.
- _____ 170. **Electronic tablets that display stored digital text, page by page, are known as**
- electronic books.
 - graphics tablets.
 - LCD displays.
 - LCD screens.
- _____ 171. **The type of software that is typically used to create, edit, and enhance digital images is**
- graphics software.
 - referencing software.
 - desktop publishing software.
 - clip art libraries.
- _____ 172. **An advantage of digital-to-analog converters is**
- size of the image.
 - extreme clarity.
 - low cost.
 - high resolution.
 - A and D.
- _____ 173. **The world's largest database of education information is**
- global learning community.
 - ASCD.
 - ERIC.
 - FAQ.
- _____ 174. **A student who just experienced a traumatic event in the hallway is likely to have what type of interference with effective communication in the classroom?**
- Environmental factors.
 - Psychological factors.
 - Physical factors.
 - Personal filters.

- _____ 175. **Filtering software serves to**
- prevent students from posting inappropriate materials both at home and at school.
 - allow students only to access purely educational sites.
 - block unacceptable sites so that students cannot access them.
 - all of the above
- _____ 176. **Modern word processing software can**
- edit documents and graphics.
 - develop web pages.
 - create graphics.
 - create documents.
 - all of the above.
- _____ 177. **FOLED stands for**
- facile optimal laser-encoding device.
 - flexible organic light-emitting device.
 - free OCR light-emitting device.
 - fast optical laser-energy device.
- _____ 178. **Devices that enable phone line communication between computers are called**
- hubs.
 - modems.
 - remote controls.
 - PDA's.
- _____ 179. **The administrative software that may include hypermedia features that allow the user to link and jump to other documents is**
- an electronic spreadsheet package.
 - a presentation software package.
 - a database management software package.
 - a desktop publishing package.
- _____ 180. **In converting analog video to the digital form, each frame must be converted to its digital counterpart. The sequence of digitized frames is a**
- floppy disk.
 - digital video clip.
 - compact disc.
 - digital cassette.
- _____ 181. **When evaluating the effectiveness of instruction, a teacher should**
- use only objective assessments at the end of the instruction to be as fair as possible.
 - use both formative feedback and summative evaluations for a complete understanding of the success of the instruction.
 - evaluate only at the end of the process to avoid intimidating students.
 - use only formative evaluation throughout the process for continuous corrections.
- _____ 182. **The agreed-upon standard for photographic images is**
- Kodak.
 - JPEG.
 - HTML.
 - GIF.

- _____ 183. **In purchasing a computer, you normally want to get the machine with the highest number of megahertz on the CPU that you can afford because that machine will**
- handle the largest number of tasks at the same time.
 - communicate the fastest when using a modem.
 - hold the most in memory.
 - reduce your waiting time when running an application.
- _____ 184. **A program that helps you create tests by providing you with a database of questions is**
- a test generator.
 - an academic tool.
 - an Internet service provider.
 - an electronic gradebook.
- _____ 185. **Using a headpiece and glove and other related hardware and software that enable you to interact with a three-dimensional world is known as**
- virtual reality.
 - avatar.
 - artificial intelligence.
 - 3-D.
- _____ 186. **When a computer is turned on, a program that resides in the computer to tell it how to start itself up goes to work. These basic input and output system initial instructions are more commonly known as**
- BIOS.
 - operating system.
 - RAM.
 - bootstrap.
- _____ 187. **In making a transparency with an ink jet printer, the transparency should**
- have a porous side.
 - be slick on both sides.
 - be thicker than a laser-printer transparency.
 - be heat resistant.
- _____ 188. **Often found on blogs, feeds that continuously and automatically update selected topics are called RSS, which stands for**
- return scalable system.
 - respond system site.
 - rapid synchronized server.
 - really simple syndication.
- _____ 189. **A chat is**
- asynchronous.
 - nonsynchronous.
 - megasynchronous.
 - synchronous.
- _____ 190. **The language in which web pages are written is**
- HTML.
 - C+.
 - Pascal.
 - a browser.

- _____ 191. **Text files can have the following extensions:**
- .au, .wav
 - .doc, .htm, .txt
 - .jpg, .pict, .bmp
 - .exe, .mov, .mpg
- _____ 192. **An advantage of digital video over analog in the classroom is the**
- ease of rewinding and replaying.
 - ability to edit, annotate, and display video clips.
 - interactivity and student input.
 - use of sound as well as images.
- _____ 193. **Software that you can request or download and try out without charge, paying a usually small fee only if you decide you like the software, is known as**
- shareware.
 - software.
 - warmware.
 - freeware.
- _____ 194. **The device that modulates and demodulates computer signals so that they can be transmitted over a regular telephone line as audible signals is known as a**
- modular converter.
 - NIC card.
 - modem.
 - modec.
 - codec.
- _____ 195. **When a teacher uses a software authoring program to create a unique lesson and the resulting hypermedia program is stored in HTML, the tool used was probably**
- a multimedia authoring system.
 - an HTML authoring tool.
 - a hypermedia authoring tool.
 - a Web authoring system.
- _____ 196. **A category of one kind of information in a database program, such as locker number assignments, is a**
- report.
 - record.
 - file.
 - field.
- _____ 197. **The advantage of running programs from a CD rather than installing them is that**
- the CD runs faster than the hard drive.
 - you can write your data to the same CD as the program.
 - you leave hard drive space available for other software.
 - you can change programs by changing CDs.
- _____ 198. **Worksheet generators are a type of academic tool that allows the user to create**
- cryptograms.
 - word searches.
 - puzzles.
 - all of the above.

- _____ 199. **The program that tells a computer how to behave like a computer is known as the**
- GUI.
 - BIOS.
 - handshake.
 - operating system.
- _____ 200. **The digital equivalent to the traditional overhead projector for the display of nonmoving images is the**
- CD ROM.
 - DVD player.
 - e-book.
 - document camera.
- _____ 201. **The type of program that tells the computer how to accomplish a task is**
- an application program.
 - a utility program.
 - an operating system.
 - a self-test program.
- _____ 202. **Digital cameras typically store images on**
- memory or "smart" cards.
 - high-speed film.
 - videotape.
 - Zip disks.
- _____ 203. **A relatively new, wireless device that can enable students to take and organize notes in a word-processed format without having to type them out, then download and read e-books, all without the use of a desktop or laptop is**
- an LCD projector.
 - voice recognition software.
 - a tablet PC.
 - a webcam.
- _____ 204. **The computer component that controls the flow of information and performs the information processing required is the**
- ROM chip.
 - CPU.
 - computer bus.
 - RAM chip.
- _____ 205. **Your purpose in studying educational technology is to**
- acquaint you with technology you can use to teach and help your students learn.
 - enable your students to use productivity software.
 - help you teach students to become technical experts.
 - train your students to fix the computers in their classrooms.
- _____ 206. **A packaged collection of software programs that are all manufactured by the same company and follow the same design is termed**
- an applications suite.
 - a crash guard suite.
 - an antivirus suite.
 - a shareware suite.

- _____ 207. **Which vendor offers online training opportunity for educators?**
- Microsoft.
 - Apple.
 - Adobe.
 - All of the above.
- _____ 208. **The advantages enjoyed by database management systems (DBMS) over manual systems are best exemplified by**
- electronic card catalogs.
 - online listservs.
 - online income tax forms.
 - electronic budgets.
 - online newsletters.
- _____ 209. **Most LCD projectors today will project images from**
- C and D.
 - VCRs/DVD players.
 - TVs.
 - monitors.
 - computers.
- _____ 210. **In the classroom, PDAs can be used as**
- an LCD display.
 - a video capture device.
 - a scanner.
 - a classroom management tool.
- _____ 211. **Students with special needs and students with exceptionalities are not**
- unable to write.
 - gifted.
 - average, typical.
 - blind.
- _____ 212. **A billion bytes of data are referred to as a**
- kilobyte.
 - gigabyte.
 - megabyte.
 - terabyte.
- _____ 213. **A web site that does not promote subjective or propagandistic points of view is said to be**
- bias free.
 - altruistic.
 - advertising free.
 - a subscription service.
- _____ 214. **The three functions of graphics software are**
- sorting, imaging, and enhancing.
 - creating, sorting, and imaging.
 - creating, editing, and enhancing.
 - parsing, imaging, and sorting.

- _____ 215. **Web pages are written by using a language called**
- URL.
 - FTP.
 - HTML.
 - TCP/IP.
- _____ 216. **The process of giving full attention to an auditory stimulus that is an essential step in learning is called**
- focused listening.
 - auditory relating.
 - neurological linking.
 - stimulated hearing.
- _____ 217. **In the communication process, which of the following is NOT one of the three major variables that can interfere with the communication of ideas?**
- Environmental factors.
 - Personal filters.
 - Psychological factors.
 - Physical factors.
- _____ 218. **Both cognitivists and constructivists recognize learning as a**
- response to stimuli.
 - function of brain physiology.
 - mental process.
 - reaction to reward and punishment.
- _____ 219. **Circumstances under which a teacher can use copyrighted materials in face-to-face instruction are**
- fair use guidelines.
 - acceptable use policies.
 - codes of ethics.
 - copyright laws.
- _____ 220. **One of the newer wireless technologies, which uses radio frequencies to connect computers and other devices to wired network at fairly high speeds, is known as**
- FiWide.
 - WiFi.
 - HiFi.
 - wireless technology.
- _____ 221. **Asserting that children build cognitive structures during all developmental stages makes Piaget a**
- socialist.
 - behaviorist.
 - social reconstructivist.
 - cognitivist.
 - constructivist.
- _____ 222. **For educators, the largest database of information is**
- PROQUEST.
 - ERIC.
 - SIRS.
 - Facts on File.

- _____ 223. **Distance education was originally offered through**
- tutorial sessions.
 - correspondence courses.
 - Internet classrooms.
 - compressed video.
- _____ 224. **Educators can create sophisticated documents, certificates, flash cards, letters, field trip reports, and so on using**
- hypermedia authoring tools.
 - graphics software.
 - desktop publishing software.
 - Web authoring systems.
- _____ 225. **With the advent of digital technologies,**
- audio and video support technologies were no longer considered valid media.
 - tradition audio and video technologies were eliminated from classrooms.
 - digital audio and video technologies joined more traditional technologies as supports for instruction.
 - research proved that nondigital technologies were less effective in instructional support.
- _____ 226. **Overhead projector platforms are used with**
- electronic whiteboards.
 - LCD projectors.
 - LCD panels.
 - graphics tablets.
- _____ 227. **A pointing device that is used to select and change the position of items on the screen is a**
- touchpad.
 - joystick.
 - mouse.
 - all the above.
- _____ 228. **Zipped files that are downloaded from the Internet are**
- read-only files that must have properties changed to use.
 - compressed files that must be uncompressed before using.
 - files that protect users from computer viruses.
 - graphics files that cannot be used without Acrobat Reader.
- _____ 229. **Which is a standard in the ISTE NETS•S performance indicators for students?**
- Communications and collaboration.
 - Creativity and innovation.
 - Research and information fluency.
 - Digital citizenship.
 - All of the above.
- _____ 230. **Which do gifted students need?**
- Narrow focus instruction.
 - Internet-based instruction.
 - Multilingual instruction.
 - Differentiated instruction.

- _____ 231. **Which is the correct order of the steps involved in hearing an auditory message?**
- 1, hear auditory stimulus; 2, turn stimulus into neural pulses and process it; and 3, make cognitive connections.
 - 1, make cognitive connections; 2, hear auditory stimulus; and 3, turn stimulus into neural pulses and process it.
 - 1, turn stimulus into neural pulses and process it; 2, hear auditory stimulus; and 3, make cognitive connections.
 - None of these.
- _____ 232. **When looking for a graphic to download from the Internet, a teacher would most likely look for a file with**
- the component .exe in its name.
 - the addition of .html on it.
 - a .jpeg, .bmp, or .tiff extension.
 - a .gra prefix.
- _____ 233. **Wireless microwave technology is used in**
- iPads.
 - laptops with wireless cards.
 - cell phones.
 - LCD monitors.
 - A, B, and C.
- _____ 234. **We anticipate that the next technology revolution will be**
- voice input technology.
 - wireless computers.
 - virtual reality.
 - 3-D images.
- _____ 235. **The most popular video compression formats are**
- BMP and GIF.
 - AVI and MPEG.
 - DOC and MP3.
 - XLS and DAT.
- _____ 236. **As the capacity of storage devices has increased, the size of the devices has tended to**
- stay the same.
 - vary.
 - decrease.
 - increase.
- _____ 237. **Productivity software is actually generic**
- business application software.
 - academic software.
 - business software.
 - adaptable software.
 - school software.
- _____ 238. **One of the names for an asynchronous communication tool that features threaded discussions is**
- FTP.
 - chat.
 - bulletin board.
 - listserv.

- _____ 239. **Class web sites can be used to do all of the following EXCEPT**
- a. help to create a global learning community for your students.
 - b. support and enhance communication between teacher and student.
 - c. build bridges to parents and the community.
 - d. none of these.