

### Question 1

Which of these statements regarding computer-based training (CBT) is/are true? Select all that apply.

- A) Retention is enhanced because technology is used to teach technology.
- B) Vendor-supplied materials require no specific customization.
- C) CBT facilitates mastery learning.
- D) The accompanying materials require little trainer attention beforehand.
- E) CBT is less costly to develop and revise.

Answer: <https://biology-forums.com/index.php?topic=389490>

### Question 2

The U.S. Department of Health and Human Services indicated that the EHR (Electronic Health Record) is a digital collection of patient's medical history. List three items that are included in the EHR.

Answer: <https://biology-forums.com/index.php?topic=389547>

### Question 3

Describe at least three factors in the current healthcare delivery system that drive the implementation of information technology in the acute care setting.

Answer: <https://biology-forums.com/index.php?topic=389329>

### Question 4

Which of these home health clients is least suited for telehealth services?

- A) A 77-year-old client who requires glucose monitoring and daily foot ulcer assessment
- B) A 63-year-old man with a large pressure ulcer who requires daily wound assessments and dressing
- C) A 54-year-old client with congestive heart failure who is developing new onset chest pain
- D) A 49-year-old woman who is pregnant for the first time and requires fetal heart rate monitoring

Answer: <https://biology-forums.com/index.php?topic=389670>

### Question 5

List four specific factors to consider when selecting a training site and provide a rationale for each.

Answer: <https://biology-forums.com/index.php?topic=389504>

### Question 6

Match the following terms:

- I. Healthcare workers who view or document client information.
  - II. Personnel who perform similar functions.
  - III. Employees who are proficient users and serve as mentors.
  - IV. Professionals who focus on change through skill acquisition.
  - V. Leaders who focus on change through learning, thinking, and problem solving.
- A. Superusers
  - B. Educators
  - C. User class
  - D. Trainers
  - E. End users

Answer: <https://biology-forums.com/index.php?topic=389496>

### Question 7

Match the following terms to their meaning in continuity planning:

- I. Provides direction during and immediately after a disaster
  - II. Itemizes steps to ensure the availability of key employees and vital records and alternative facilities if needed
  - III. Guides restoration of full operational capabilities
  - IV. Uncovers and corrects defects in a continuity plan before it must be implemented
  - V. Outlines how each step of the plan will work on a concept map
- A. Recovery plan
  - B. Backup plan
  - C. Emergency plan
  - D. Test plan
  - E. Maintenance plan

Answer: <https://biology-forums.com/index.php?topic=389614>

### Question 8

Which statement related to telehealth technology is correct?

- A) A frame-per-second rate of 10 provides acceptable diagnostic imagery for consultation.
- B) Because international audio and visual standards are inconsistent, there is little international communication.
- C) A DTV system may be used to transmit diagnostic images for third-party consultation.
- D) Broad bandwidth of 384 kilobits and 30 frames per second is needed for diagnostic image interpretation.

Answer: <https://biology-forums.com/index.php?topic=389671>

### Question 9

Match the following terms:

- I. Task that may be performed manually or automated. A. Production environment
- II. Copy of the software where programming changes are initially made. B. Function
- III. Copy of the software that mimics the actual system that will be used. C. Training environment
- IV. Time when the new system is in operation. D. Roll out
- V. Preloading data into the system. E. Backload
- VI. Implementation strategy. F. Test environment

Answer: <https://biology-forums.com/index.php?topic=389481>

### Question 10

Identity theft fraud may worsen as electronic medical records become more prevalent. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389599>

### Question 11

When comparing various uses of computing, which of these works well for corporate training?

- A) Wiki
- B) Chat room
- C) E-learning
- D) E-mail

Answer: <https://biology-forums.com/index.php?topic=389651>

### Question 12

There are many Internet Web sites available for searching about healthcare related questions. Web portals are specialized Web sites that personalize features for individual users. Which best describes how a Web portal can individualize user information?

- A) A Web site that requests the user to register and then sign in each time upon entering
- B) A Web site that offers specialized search engines for searching out information
- C) A Web site that provides a home page with general information about the organization
- D) A Web site that uses the HyperText Markup Language (HTML) to display its pages

Answer: <https://biology-forums.com/index.php?topic=389387>

### Question 13

Security is an important issue for all Web sites. Which measure best protects the overall security of a health-based Web site?

- A) Install an antivirus program and update annually.
- B) Allow only registered users to access the Web site.
- C) Construct separate firewalls for each Web server.
- D) Connect the Web server directly to the agency computer.

Answer: <https://biology-forums.com/index.php?topic=389391>

### Question 14

Which statement indicates the appropriate level of informatics competencies to the correct nurse?

- A) An Informatics Nurse focuses on the generation of informatics theory.
- B) A beginning nurse utilizes the Internet to integrate multidisciplinary languages.
- C) An experienced nurse can retrieve food allergy and medication interaction information from the Internet.
- D) A beginning nurse can input vital signs into the computer system in the acute care setting.

Answer: <https://biology-forums.com/index.php?topic=389326>

### Question 15

Standards of care reflect best practices based on research findings. Provide one example of how the incorporation of national standards of care and drug information helps healthcare institutions.

Answer: <https://biology-forums.com/index.php?topic=389676>

### Question 16

Which student may be least suited for a distance learning class?

- A) A 20-year-old professional nursing student in the last semester of the program.
- B) A 38-year-old RN to BSN student returning to school after a 14-year absence.
- C) A 24-year-old graduate nursing student in a nurse practitioner program.
- D) A 48-year-old RN who has just completed one year of master's level courses.

Answer: <https://biology-forums.com/index.php?topic=389638>

### Question 17

Because of long client stays, documentation in nursing homes and long-term facilities must be concise. When long-term or skilled beds are located within an institution with automated documentation, which of the following is needed?

- A) Lower client ratios for each nurse
- B) Purchase of approved client care electronic forms
- C) Additional screens to meet specialized needs of clients
- D) Additional nursing staff to document client care

Answer: <https://biology-forums.com/index.php?topic=389611>

### Question 18

Which is the best example of strategic planning in an acute care facility?

- A) A project team from a marketing firm is hired to develop an advertising campaign for the specialized health-promotion services of the acute-care facility.
- B) Team members of an organization take on a project to develop policies and procedures one year prior to The Joint Commission accreditation visit.
- C) Team members from administration meet as a group to rewrite their one-year-old acute care institution's mission statement.
- D) Upon acquiring a new facility, team members are selected to identify goals and strategies to develop policies fitting the newly revised mission statement.

Answer: <https://biology-forums.com/index.php?topic=389426>

### Question 19

Which statement regarding pressures that drive the healthcare delivery system today is not accurate?

- A) Managed care may utilize disease management to identify clients with chronic conditions, and treat them effectively to minimize complications and cost.
- B) Evidence-based practice is supported with technology that enables the healthcare provider to utilize up-to-date research findings.
- C) The current and projected nursing shortage may be eliminated by instituting technology enhancements in the acute care setting.
- D) Medication errors and adverse events may be reduced with the implementation of Computerized Physician Order Entry (CPOE).

Answer: <https://biology-forums.com/index.php?topic=389328>

### Question 20

Knowledge management is a structured process for the generation, storage, distribution and application of what kind of knowledge in the organization? Select all that apply.

- A) Chronological knowledge.
- B) Explicit knowledge (evidence).
- C) Generational knowledge.
- D) Tacit knowledge (personal experience).
- E) Redundant knowledge.

Answer: <https://biology-forums.com/index.php?topic=389336>

### Question 21

Which of these are true about using automated pharmacy systems? Select all that apply.

- A) Expenses used in starting up an automated pharmacy system are considerable, including personnel training.
- B) An automated system pulls in laboratory results and client information from the HIS more quickly to identify allergy and interaction problems.
- C) All information obtained relating to an individual client is integrated and provides the pharmacist with up-to-date information.

- D) Costs for operating automated pharmacy systems are extremely high.  
E) The use of these systems is limited only to pharmacists.

Answer: <https://biology-forums.com/index.php?topic=389414>

### Question 22

Match the software category or type to the correct function:

- I. Query or search a database for specific information A. Application  
II. Create and edit documents B. Programming language  
III. Perform system backup C. Operating system  
IV. Control computer hardware D. Utility program

Answer: <https://biology-forums.com/index.php?topic=389362>

### Question 23

Outsourcing is an option for disposing of unneeded electronic and print data. Name one factor to consider when selecting a vendor service for this task and provide a rationale.

Answer: <https://biology-forums.com/index.php?topic=389375>

### Question 24

What is metadata?

- A) A set of data that is transferred electronically over high-speed telephone lines to another site and set to expire at the correct time  
B) Data stored off site in a cold storage facility  
C) A set of data that provides information about how, when and by whom data are collected, formatted, and stored  
D) A backup copy of all data within an organization

Answer: <https://biology-forums.com/index.php?topic=389619>

### Question 25

Which of the following statements about telenursing is true?

- A) Telenursing has been in existence for decades, using available technology to serve its purposes.  
B) The American Academy of Ambulatory Care Nursing was founded to promote nursing in telehealth.  
C) Basic telehealth nursing principles have been widely integrated into basic nursing curricula.  
D) Telehealth nursing practice is not yet considered to be a subspecialty of nursing.

Answer: <https://biology-forums.com/index.php?topic=389680>

### Question 26

Personal Health Record (PHR) security issues relate to HIPAA and physical security of data. HIPAA only covers PHRs provided by covered entities such as health plans, healthcare clearinghouses and providers. No governmental coverage exists for other sites unless it is at the state level. To avoid these types of breaches, the American Health Information Community's consumer empowerment working group made a recommendation. What was recommended for PHRs in order to avoid breaches?

- A) Restricting the number of authorized users  
B) Deletion of sensitive data  
C) Educating the general consumer about PHRs  
D) A PHR certification process

Answer: <https://biology-forums.com/index.php?topic=389560>

### Question 27

Web-based tools can provide benefits of an alternative method for obtaining patient information from diverse information systems. Which of these is accurate regarding recent advances toward interoperability?

- A) The framework has been built and is in place.  
B) Data exchange standards need to be developed.  
C) Interoperability of electronic health data will be costly.  
D) National priorities will be set within the next five years.

Answer: <https://biology-forums.com/index.php?topic=389537>

### Question 28

The nurse understands that nursing informatics is recognized as a specialty area of practice by which statement?

- A) There is a need for nursing informatics interests to gain representation by work groups and organizations within the United States.  
B) Research priorities for nursing informatics include the development of a standard nursing language and the development of databases for clinical

information.

- C) A formal educational program at the master's level must be completed before a nurse is eligible to sit for the credentialing examination.
- D) As a differentiated practice, nursing informatics is focused upon the client, the environment, health, and the nurse.

Answer: <https://biology-forums.com/index.php?topic=389323>

### Question 29

An effective disaster plan has numerous advantages but is not expected to save money for the healthcare agency. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389636>

### Question 30

Which of these is a potential disadvantage of Web-based instruction (WBI) for nursing students?

- A) The locus of control for learning lies with the student.
- B) Learning time is prolonged due to the downloading of large learning modules.
- C) Socializing students to their chosen profession is difficult.
- D) Online access is limited to those students who have a computer with Internet service.

Answer: <https://biology-forums.com/index.php?topic=389640>

### Question 31

Among the following, which define the process for determining healthcare worker information systems training needs? Select all that apply.

- A) End users are identified and grouped by job class responsibilities.
- B) User class is defined and categorized as the personnel who perform similar functions.
- C) Training is delivered based upon what administrators decide to automate first.
- D) User classes are used to refine the types of training courses needed for system implementation.
- E) End users are identified and grouped by professional skill levels.
- F) Training needs of each job class are determined according to what functions each end user will perform.

Answer: <https://biology-forums.com/index.php?topic=389495>

### Question 32

Telehealth is a tool that allows healthcare professionals to do which of the following? Select all that apply.

- A) Assess and monitor clients
- B) Improve the overall quality of the client's record
- C) Tackle isolation and loneliness
- D) Decrease hospital visits for clients with chronic conditions
- E) Extend scarce healthcare resources

Answer: <https://biology-forums.com/index.php?topic=389672>

### Question 33

Quality information is necessary to ensure proper client care is given. Briefly discuss at least one threat to information quality and provide a rationale.

Answer: <https://biology-forums.com/index.php?topic=389376>

### Question 34

When the steering committee of an acute care institution is appointed to select a new computer system, site visits are requested at a number of organizations to see the live systems. During these visits, which statement provided in staff interviews should alert the committee to potential bias?

- A) "Vendor support is always wonderful. Here is one of the company representatives who can best explain that to you."
- B) "System backups occur daily, at midnight, but we rarely notice them. The downtime is minimal."
- C) "What we would like to see added to the system is the ability to add wireless devices. The vendor is looking into the situation now."
- D) "System access is restricted per HIPAA guidelines. We use a thumbprint to verify entry into the system."

Answer: <https://biology-forums.com/index.php?topic=389453>

### Question 35

The Veterans Benefits Healthcare and Information Technology Act of 2006 was passed in response to the compromised personal data of more than 26 million veterans. Which of these must the Veterans Administration (VA) do in order to protect client data?

- A) Restrict medical record data-mining
- B) Notify clients potentially affected by a breach
- C) Offer fraud training for VA employees

D) Require vendors to record any data breaches

Answer: <https://biology-forums.com/index.php?topic=389604>

### Question 36

Which is considered a threat to information quality?

- A) An earthquake interrupts the power supply and causes data loss.
- B) An unauthorized user hacks into the system to review the clients' records.
- C) Not verifying information as correct prior to entry.
- D) A wireless transmission is intercepted to review a new client's records.

Answer: <https://biology-forums.com/index.php?topic=389364>

### Question 37

Assisted Living Facilities (ALFs) now come under various state regulations. As the general population ages and the number of persons residing in these facilities continues to increase, which of these effects is expected?

- A) Same reimbursement
- B) Lower liability for the client
- C) Same liability for the client
- D) Increased reimbursement

Answer: <https://biology-forums.com/index.php?topic=389609>

### Question 38

Medication errors may be dramatically reduced with the institution of automated medication supply management systems. Describe the steps showing how a physician's order for a client's medication is processed using such an automated system, from order to documentation of the medication.

Answer: <https://biology-forums.com/index.php?topic=389415>

### Question 39

A 248-bed acute care institution is acquired by another institution. Plans are made to create a specialty cardiovascular institution for open-heart surgical clients. A meeting is planned to discuss strategic planning. List eight steps through which the team must go for strategic planning to be a success.

Answer: <https://biology-forums.com/index.php?topic=389435>

### Question 40

There are two popular program evaluation models, the Kirkpatrick Model and the Targeted Evaluation Process (TEP). Match the appropriate feature to the desired program evaluation model:

- I. Outcomes are predetermined. A. Kirkpatrick Model
- II. Uses a process-based approach to evaluation. B. Targeted Evaluation Process
- III. Uses an intervention-based approach to evaluation.
- IV. Flexible and allows for a full range of evaluation tools, technology, and techniques.
- V. Limited and simple approach to evaluation.
- VI. Evaluation not considered an option, but a necessary process.

Answer: <https://biology-forums.com/index.php?topic=389499>

### Question 41

During the course of client care, the 21-year-old client tells the nurse that she had an abortion last year but that no one in her family knows of it. Which of these terms best describes the situation?

- A) Consent
- B) Privacy
- C) Security
- D) Confidentiality

Answer: <https://biology-forums.com/index.php?topic=389506>

### Question 42

RHIOs (Regional Health Information Organizations) derive income in several ways. List two sources of RHIO revenue.

Answer: <https://biology-forums.com/index.php?topic=389567>

### Question 43

Available nursing informatics programs include doctoral degrees. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389335>

#### Question 44

What two goals must a nursing information system accomplish to be considered effective?

Answer: <https://biology-forums.com/index.php?topic=389419>

#### Question 45

Digital or electronic signatures include an encrypted digital key tag. This technology does which of the following? Select all that apply.

- A) Guarantees the delivery of the message
- B) Provides authentication guaranteeing the identity of the signer
- C) Provides evidence that supports the validity of the signature
- D) Provides authentication guaranteeing the identity of the recipient
- E) Ensures the integrity of the message

Answer: <https://biology-forums.com/index.php?topic=389593>

#### Question 46

Match the following terms:

- I. Videoconferencing between a healthcare professional and a client
- II. Broad term referring to the provision of health information, products, and services online
- III. Remote healthcare services delivery into the home via information and communication technology
- IV. Use of interactive videoconferencing to provide therapy and counseling
- V. Provision of online health information, products, and services, including automation of administrative and clinical aspects of care delivery

Answer: <https://biology-forums.com/index.php?topic=389675>

#### Question 47

List three advantages of online publication over traditional publication and name one disadvantage.

Answer: <https://biology-forums.com/index.php?topic=389399>

#### Question 48

The community health nurse is designing a four week e-learning program for rural diabetic clients. One concern is that some of these clients may feel isolated. Which of the following could the nurse employ to prevent feelings of isolation? Select all that apply.

- A) Audio narrated lecture assignments
- B) Additional written assignments
- C) Message board assignments
- D) Video enabled Skype assignments

Answer: <https://biology-forums.com/index.php?topic=389650>

#### Question 49

Continuity plans help to ensure uninterrupted operation or speedy resumption of services when a catastrophic event occurs. Place the following continuity planning steps in their correct order by listing each item number in its proper sequence, separated by commas. (Sample answer would look like this; each "x" represents a number choice: x, x, x, x.)

1. Implement the strategies identified to maintain business continuity, delivery of patient services, and restoration of lost or damaged data. This includes policies and procedures and contracts with vendors and various service providers.
2. Develop the plan itself, determining the probabilities of all types of disasters, their impact on critical functions, and factors necessary for restoration of services.
3. Evaluate the plan, including consideration of legal and regulatory requirements.
4. Analyze the business impact, determining vital organizational functions and information.

Answer: <https://biology-forums.com/index.php?topic=389615>



### Question 50

The CPR (Computer-based Patient Record) is a comprehensive lifetime record that includes all information from all specialties. The Institute of Medicine (IOM) identified 12 major components of the CPR that are considered to be the "gold standard" attributes. List six of these major CPR components.

Answer: <https://biology-forums.com/index.php?topic=389557>

### Question 51

A program outcome essential for healthcare students is that they be skilled in which of these?

- A) Electronic spreadsheet applications
- B) Electronic database management applications
- C) Applications that facilitate electronic literature searches
- D) Electronic slide presentation applications

Answer: <https://biology-forums.com/index.php?topic=389700>

### Question 52

The lack of a common language to facilitate data collection and decision making was recognized as a problem in healthcare and nursing several years ago. Which of the following are recognized nursing languages? Select all that apply.

- A) NOC
- B) PNDS
- C) UMLS
- D) ICNP®
- E) CCC

Answer: <https://biology-forums.com/index.php?topic=389701>

### Question 53

Which of these is an example of a decision support system (DSS)?

- A) A system used to register clients who are admitted to an acute healthcare facility for surgery.
- B) A system used to schedule client visits for follow up care after extensive abdominal surgery.
- C) A system used by emergency room administration to bill clients once their diagnoses are verified.
- D) A system used by physicians to provide suggestions for diagnostic tests according to selected admitting diagnoses.

Answer: <https://biology-forums.com/index.php?topic=389410>

### Question 54

Telehealth has become an attractive tool to improve the quality of healthcare and save money. Savings may be realized via which of the following measures? Select all that apply.

- A) Clients may be treated in their own community.
- B) Access to care improves.
- C) Physician services are provided.
- D) Follow-up care is more convenient.
- E) Quality of care improves.

Answer: <https://biology-forums.com/index.php?topic=389679>

### Question 55

While visiting the American Heart Association Web site, a client plays the animation of the heart at work. Which of the following was used to play the animation?

- A) Browser
- B) Search engine
- C) Plug-in
- D) Helper program

Answer: <https://biology-forums.com/index.php?topic=389403>

### Question 56

Which of these provides the most effective end user learning experience?

- A) Real client data are utilized for realistic practice.
- B) The equipment used for training is the same used in the clinical setting.
- C) Two employees share each workstation for mutual encouragement.



D) The live system is used with simulated client data.

Answer: <https://biology-forums.com/index.php?topic=389486>

### Question 57

RHIOs (Regional Health Information Organizations) may utilize a centralized database that serves as an information exchange, clearinghouse or locator service. What advantage does this approach provide?

- A) Generally takes more time to implement than other approaches
- B) Offers quick retrieval of information because it relies upon a single server and consistent format
- C) Brings together competitors who then build a consensus on policies
- D) Utilizes a server "farm" for data management

Answer: <https://biology-forums.com/index.php?topic=389568>

### Question 58

Which of these is a key motivation to outsource data storage?

- A) To contract with company employees to maintain their loyalty.
- B) To reduce costs required for data storage and maintenance.
- C) To allow company personnel to maintain their positions in the company.
- D) To maintain data storage on site with the least amount of effort.

Answer: <https://biology-forums.com/index.php?topic=389367>

### Question 59

Sigma Theta Tau International completed a landmark EBP study in 2006. Which of the following was included in the findings?

- A) Nurses are comfortable seeking information to provide EBP patient care and had sufficient access to appropriate materials to personally engage in EBP.
- B) Nurses need information to provide patient care but many lacked comfort, skills, time, or access to appropriate materials to personally engage in EBP.
- C) Nurses who entered practice five or more years earlier were most comfortable with providing EBP patient care.
- D) Nurses who entered practice less than two years earlier were least comfortable with providing EBP patient care.

Answer: <https://biology-forums.com/index.php?topic=389703>

### Question 60

A female client goes to the clinic's office complaining of a cough and fever. She gives her name and date of birth at the admitting registration desk. The registration clerk verifies her current address and asks if she is still covered by IVY insurance. Client responds yes, is given a chart with the number 3948JAV04830 on it, and is directed to the physician's exam room. The physician orders a chest x-ray. The client is sent to the radiology department and checks in with at the registration desk. The registration clerk verifies her current address and asks if she is still covered by IVY insurance. The client responds yes and is given an order sheet with the number 3948JAV04830 on it. The admitting office for the clinic and the radiology office use different information systems. The process depicted in this scenario illustrates the use of which of the following?

- A) Clinical data repository.
- B) Uniform language.
- C) Master Patient Index.
- D) Data dictionary.

Answer: <https://biology-forums.com/index.php?topic=389533>

### Question 61

The American Nurses Association (ANA) prefers the term telenursing as a more inclusive and accurate description of the services provided. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389682>

### Question 62

The terms Internet and World Wide Web (a.k.a. the Web) are often used interchangeably, but in fact the two terms are not synonymous. Match the appropriate characteristics to the desired term:

- I. Used to send and receive e-mail A. Internet
- II. Uses a Uniform Resource Locator (URL) to establish a link to a B. World Wide Web document, its location, and the type of server on which it resides.
- III. Connects millions of computers together globally, forming a network.
- IV. Information service that accesses data by content instead of file names.

V. First developed at the European Center for Particle Physics for scientists to publish documents.

Answer: <https://biology-forums.com/index.php?topic=389395>

### Question 63

Which of these should the needs assessment committee do as a first step in the process of determining the organization's information needs? Select all that apply.

- A) Examining the mission statement.
- B) Establishing goals to guide the work of the committee.
- C) Examining the vision of the organization.
- D) Using brainstorming to defining the expectations of the information system.
- E) Examining the strategic plan.

Answer: <https://biology-forums.com/index.php?topic=389461>

### Question 64

The two primary sources of data loss are \_\_\_\_\_ and \_\_\_\_\_.

Answer: <https://biology-forums.com/index.php?topic=389617>

### Question 65

In which setting would telehealth be least likely to be supported by government funding?

- A) A space shuttle voyage during orbit around the earth
- B) A prison infirmary to care for state inmates
- C) A battlefield in a third-world country for the treatment of casualties
- D) A small community hospital in an urban setting in the Northeast

Answer: <https://biology-forums.com/index.php?topic=389666>

### Question 66

Software that tracks system access by users, creates a(n) \_\_\_\_\_ that can reveal unusual activity or inappropriate use of information.

Answer: <https://biology-forums.com/index.php?topic=389514>

### Question 67

Information regarding a patient covered by Medicare is posted to the Internet by a disgruntled employee. What Act has been violated?

- A) The Privacy Act of 1994
- B) The Individual Privacy Act of 1991
- C) Medical Records Confidentiality Act of 1995
- D) The Fair Health Information Practices Act of 1995

Answer: <https://biology-forums.com/index.php?topic=389589>

### Question 68

Which of these is an advantage to computer generation of discharge instructions for clients who have had surgery?

- A) Repetition of the information helps clients to remember pertinent details.
- B) Nurses include what they feel is most important for each client.
- C) The physician only provides clients with information necessary for each case.
- D) Consistent instructions may be generated very quickly for each client.

Answer: <https://biology-forums.com/index.php?topic=389647>

### Question 69

Consumers are the primary source of information about their health history and medications. The patient-carried record (PCR) addresses this. Which of these are potential problems associated with the PCR?

- A) Portability
- B) Loss of the record
- C) Liability
- D) Legibility
- E) Privacy

Answer: <https://biology-forums.com/index.php?topic=389555>

### Question 70

FIGURE 6—1 in the textbook provides an example of an evaluation tool for cardiac monitoring systems. Assume products from two vendors (Vendor A and Vendor B) are being considered as possible solutions. The evaluator has assigned the following ratings as to how well each vendor's product meets the System Feature requirements in the left column.

System Feature Ratings for Vendor A: are 1 = Good, 2 = Poor, 3 = Good, 4 = Good, 5 = Excellent, 6 = Good.

System Feature Ratings for Vendor B: are 1 = Poor, 2 = Poor, 3 = Good, 4 = Poor, 5 = Excellent, 6 = Excellent.

Using these ratings, calculate and then record in the answer box the overall system score for each vendor product. Then state which vendor you would recommend: Vendor A or Vendor B.

Answer: <https://biology-forums.com/index.php?topic=389439>

### Question 71

A disadvantage to the utilization of the electronic medical record (EMR) includes:

- A) Inability to incorporate diagnostic images into the EMR because of space limitations.
- B) Less time available for client care because more time is required for documentation activity.
- C) Accessibility from several different locations simultaneously and by different levels of providers.
- D) The intensive training, in the beginning, needed to prepare staff members to use the EMR.

Answer: <https://biology-forums.com/index.php?topic=389332>

### Question 72

A 512-bed acute care community hospital is planning to install a wireless system. The steering committee is planning a site visit to observe the wireless system in action. Which site would be the most suitable for the committee to visit?

- A) A 712-bed acute tertiary care hospital utilizing the same vendor's equipment and services.
- B) A 36-bed state-of-the-art open-heart intensive care unit at a hospital that uses the same vendor's equipment and services.
- C) A 485-bed acute care community hospital utilizing the same vendor's equipment and services.
- D) A 496-bed acute care hospital utilizing another vendor with similar equipment and services.

Answer: <https://biology-forums.com/index.php?topic=389448>

### Question 73

Virtual Learning Environments (VLEs) benefit education by using the Internet to facilitate e-learning. Which of the following are other terms used for VLEs? Select all that apply.

- A) Course Management System (CMS)
- B) Managed Learning Environment (MLE)
- C) Interactive Multimedia Systems (IMS)
- D) Learning Management Systems (LMS)
- E) Competency-Based Training (CBT)

Answer: <https://biology-forums.com/index.php?topic=389655>

### Question 74

It has been determined from previous experience that eight hours is the minimum time necessary for staff nurses to obtain initial training on the new system. Which of these is the best way to schedule this training?

- A) Four two-hour sessions are scheduled three months prior to go-live during non-scheduled work time.
- B) One eight-hour session is offered six weeks prior to go-live, where employees drop in when they are caught up with work assignments.
- C) Two four-hour sessions are offered one month before go-live during non-scheduled work time.
- D) Eight one-hour sessions are scheduled one month prior to go-live, starting immediately after the employee's shift has ended.

Answer: <https://biology-forums.com/index.php?topic=389485>

### Question 75

Which statement is true concerning telehealth?

- A) Clients may stay within their own community to be assessed and treated, lowering potential costs.
- B) Access to care may be delayed until the proper equipment can be delivered to the client's home.
- C) Nurse practitioner services may be reduced because physicians can assess and treat clients themselves.
- D) Clients must travel to special on-site locations where equipment and telecommunication devices are available.

Answer: <https://biology-forums.com/index.php?topic=389667>

### Question 76

Future directions include a move toward a longitudinal health record for all citizens. Which of the following is/are important for this move? Select all that apply.

- A) Implement full Healthcare Information Exchange (HIE) to improve safety and quality of care through the ability to exchange information among entities

- B) Avoid government intervention, since privacy and confidentiality issues have been addressed
- C) Protect clients when they are particularly vulnerable at points of transition, such as transfers between different levels of care and care settings
- D) Pull in records from all sources, including long-term healthcare and public health records such as immunizations and monitoring efforts
- E) Maintain current legal structure that is appropriate for the health information issues

Answer: <https://biology-forums.com/index.php?topic=389573>

### Question 77

A Clinical Data Network (CDN) is a smaller variant of a RHIO (Regional Health Information Organization). Write a definition for a CDN.

Answer: <https://biology-forums.com/index.php?topic=389572>

### Question 78

Survivability is the capability of a system as a whole to fulfill its mission, in a timely manner, in the presence of attacks, failures, or accidents. United States Hospitals (USH) is a large national hospital corporation with processing centralized at their headquarters. USH is reviewing their information security plan. Part of their mission is to provide emergency services to each regional area during catastrophic events. Which of these indicates that survivability has been specifically considered in the plan? Select all that apply.

- A) One hospital in each regional area has multiple sources of communication with USH central processing.
- B) One hospital in each regional area is especially prepared to maintain information system functionality for the emergency, operating room, lab, and pharmacy units.
- C) Emergency power generators for all associate hospitals are tested and serviced each week.
- D) Each night the system at USH central processing is backed up and stored in a remote location.
- E) One hospital in each regional area has an emergency protocol in place for communicating directly with the Department of Homeland Security.

Answer: <https://biology-forums.com/index.php?topic=389509>

### Question 79

Which is an advantage of uniform nursing languages, such as The Omaha System?

- A) Studies using the same language may be replicated more easily.
- B) Standards for information systems are no longer needed.
- C) Nursing data may be collected only in similar healthcare settings.
- D) All contain the same type of data on nursing care and outcomes.

Answer: <https://biology-forums.com/index.php?topic=389693>

### Question 80

The HIPAA security rule requires continuity planning and disaster recovery processes for protected health information. Which of the following activities are required in order to safeguard protected patient information? Select all that apply.

- A) Creation, access, storage, and destruction of manual records
- B) Lowering security requirements during a disaster
- C) Development of disaster recovery processes
- D) Establishment of a continuity plan

Answer: <https://biology-forums.com/index.php?topic=389620>

### Question 81

Which statement is true regarding potential liability issues for telehealth?

- A) Telehealth services may be used in the place of any face-to-face physical examination with the same results.
- B) Misinterpretation of advice provided over the telephone may cause the healthcare provider to be liable for poor outcomes.
- C) A nurse practitioner licensed in Wyoming may provide advice to a client in Montana without legal repercussions.
- D) Malpractice costs may be decreased because lawsuits may be filed in multiple locations, defraying costs.

Answer: <https://biology-forums.com/index.php?topic=389662>

### Question 82

The maturation of several RHIOs has led to a growing acceptance of the concept. A recent survey found that \_\_\_\_\_ percent of the providers who responded expect HIE to start with RHIOs.

- A) forty
- B) fifty
- C) sixty
- D) seventy

Answer: <https://biology-forums.com/index.php?topic=389581>

### Question 83

Match the following terms:

- I Creates a vision for strategic plan. A. Chief Executive Officer  
II. Sees that upper management understands how B. Project Manager  
information technology can help to achieve C. Chief Information Officer  
organizational goals. D. Chief Strategy Officer  
III. Drives change and monitors the timelines and  
progress toward realization of the strategic plan.  
IV. Implements a set of practices that if executed well  
will raise the likelihood that a project will succeed.

Answer: <https://biology-forums.com/index.php?topic=389436>

### Question 84

Telehealth services have been slow to develop in the United States. However, the demand is expected to grow exponentially as Baby Boomers age. True or false?

- A) True  
B) False

Answer: <https://biology-forums.com/index.php?topic=389685>

### Question 85

Define the term life cycle as it relates to information systems.

Answer: <https://biology-forums.com/index.php?topic=389460>

### Question 86

YouTube is a place for people to engage in new ways with video by sharing, commenting on, and viewing videos. YouTube is not an appropriate e-learning technology for nursing students. True or false?

- A) True  
B) False

Answer: <https://biology-forums.com/index.php?topic=389658>

### Question 87

Some disadvantages associated with the use of passwords include that they are poorly managed, frequently forgotten, and that they can be shared or stolen. Your textbook lists password selection recommendations that provide the most information and system security. List four of these password recommendations.

Answer: <https://biology-forums.com/index.php?topic=389511>

### Question 88

Back loading of some pre-existing data must be completed for the system to create accurate medication administration records and billing charges. How is this best accomplished?

- A) Selected data from client records are loaded into the system by data entry specialists.  
B) When the system goes live, data from clients' medical administration records since admission are inputted for all clients.  
C) A pharmacist selects needed data from client medical administration records and inputs the data immediately prior to going live.  
D) Each staff member is responsible for inputting medications for each patient for the 24 hours prior to going live.

Answer: <https://biology-forums.com/index.php?topic=389468>

### Question 89

Quality information is necessary to ensure that proper client care is given. List at least five characteristics of quality information.

Answer: <https://biology-forums.com/index.php?topic=389373>

### Question 90

Which of these is accurate about the HIPAA (Health Insurance Portability and Accountability Act) Security Rule and the use of technology?

- A) Provides a monthly Web-based list of approved technology  
B) Refers to The Joint Commission standards for technology  
C) Specifies the utilization of HIPAA approved technology  
D) Does not specify the use of particular technology

Answer: <https://biology-forums.com/index.php?topic=389505>

### Question 91

HL7 (Health Level Seven) standards are not the only standards that are evolving to fit the changing healthcare model. What other organizations are instrumental in supporting the development of standards and helping to define data exchange? Select all that apply.

- A) American Medical Informatics Association
- B) Institute of Medicine
- C) Department of Defense
- D) Centers for Medicare and Medicare Services
- E) National Science Foundation

Answer: <https://biology-forums.com/index.php?topic=389527>

### Question 92

Nurses need to become skilled at using patient-centered IT tools to access information that can expand their knowledge in a just-in-time, evidence-based approach. Which one of these best indicates the nurse is functioning as such a knowledge worker?

- A) The nurse assumes the roles of data gatherer and information user.
- B) The nurse utilizes computerized assessment and documentation forms, including prompts.
- C) The nurse shifts from primarily using critical thinking to also using critical synthesis.
- D) The nurse assumes the role of knowledge user.

Answer: <https://biology-forums.com/index.php?topic=389343>

### Question 93

A proficiency examination is planned to ensure that employees have the requisite knowledge to use a new wireless system. Which statement indicates the best use of testing?

- A) Norm-referenced testing is used to ensure the most successful employees keep their position.
- B) Computer testing is done using a multiple-choice question format.
- C) Predetermined competencies are determined by comparing class averages.
- D) Testing is criterion-referenced to evaluate predetermined system competencies.

Answer: <https://biology-forums.com/index.php?topic=389487>

### Question 94

List four specific examples of topics that should be included in training class content.

Answer: <https://biology-forums.com/index.php?topic=389502>

### Question 95

Briefly describe for a colleague how a personal digital assistant (PDA) could be used to learn more about client medications. Include how to find more information about the use of PDAs by nurses and other healthcare professionals.

Answer: <https://biology-forums.com/index.php?topic=389649>

### Question 96

When compared to The Joint Commission, the Commission on Accreditation of Rehabilitation Facilities (CARF) places a greater emphasis on which of the following? Select all that apply.

- A) Postdischarge outcomes
- B) Acute care of the disabled
- C) Accessible services
- D) Safety of persons with disabilities in emergency situations
- E) Comprehensiveness and continuity in individual treatment plans

Answer: <https://biology-forums.com/index.php?topic=389598>

### Question 97

The number of threats to Personal Health Information (PHI) will continue to grow. This will require additional awareness and education for which of these? Select all that apply.

- A) Healthcare vendors
- B) Healthcare informatics professionals
- C) Healthcare providers
- D) Healthcare business partners
- E) Healthcare coders and billers

Answer: <https://biology-forums.com/index.php?topic=389608>



### Question 98

Briefly define e-health and list three examples of how e-health is being used to deliver services.

Answer: <https://biology-forums.com/index.php?topic=389400>

### Question 99

Which of the following best describes RAID technology?

- A) Duplicate disks mirror copies of data.
- B) The computer shuts down when a single disk fails.
- C) Community clinics use a primary data storage drive.
- D) RAID costs more than using one large disk drive.

Answer: <https://biology-forums.com/index.php?topic=389360>

### Question 100

The Joint Commission standards exist for which of the following agencies? Select all that apply.

- A) Hospital
- B) Long-term care facility
- C) Hospice
- D) Adult daycare
- E) Mental health provider

Answer: <https://biology-forums.com/index.php?topic=389596>

### Question 101

Each state has its own mental health legislation and regulations that affect information system design. When applying restraints in a psychiatric facility, which of the following are essential information needed for charting? Select all that apply.

- A) Activity pursuit patterns
- B) Date and time applied
- C) Type of restraint applied
- D) Reason for restraints
- E) Length of time restrained

Answer: <https://biology-forums.com/index.php?topic=389603>

### Question 102

Utilizing Web 2.0 technologies can enhance effective communication, manage information, and enrich healthcare professional collaboration. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389657>

### Question 103

Which of the following best describes an Intranet?

- A) Limited to systems affiliated with education and government agencies.
- B) A private hospital system that is protected from outside access.
- C) The largest and best known electronic network in the world.
- D) A network outside of the hospital system for use by customers or suppliers.

Answer: <https://biology-forums.com/index.php?topic=389363>

### Question 104

Only a few of the states have laws or regulations that require licensure for telehealth practice. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389683>

### Question 105

Data verification techniques are important to ensure data accuracy. For which of these clients is data verification most difficult?

- A) A client who is visually impaired can verbalize which data are correct and incorrect.
- B) A client who is hard of hearing can read and confirm printouts of entered data.



- C) A client who is unable to read can affirm verbally that the information is correct.  
D) A client who does not speak English can point to the screen to verify correct data.

Answer: <https://biology-forums.com/index.php?topic=389371>

### Question 106

The implementation committee members analyze the base system as delivered from the vendor before the system is installed in the event that clarification or changes are necessary. List two specific examples of what is analyzed and provide an example for each.

Answer: <https://biology-forums.com/index.php?topic=389482>

### Question 107

Several obstacles have been identified to the formation and long-term success of RHIOs (Regional Health Information Organizations). List four obstacles and briefly state why each one listed is an obstacle.

Answer: <https://biology-forums.com/index.php?topic=389571>

### Question 108

Match the following terms:

- I. Provides visibility to the work done by nursing. A. Picture Archiving and  
II. Use is an integral component in the evolution of the electronic client record. (PACS)  
B. Standardized Nursing Languages  
III. Standard language used in the healthcare industry (SNL)  
for writing rules. C. Radio Frequency Identification (RFID)  
IV. Designed to make it "easy to do the right thing and hard to do the wrong thing".  
D. Arden Syntax

Answer: <https://biology-forums.com/index.php?topic=389420>

### Question 109

Quality information is necessary to ensure proper client care is given. Discuss one of the threats to information confidentiality and provide a rationale.

Answer: <https://biology-forums.com/index.php?topic=389378>

### Question 110

Which ones of these are recommended for developing system procedures and documentation? Select all that apply.

- A) Create separate documentation that includes the downtime procedures and manual requisition forms and locate in an easily identifiable and accessible location.  
B) Develop a data dictionary containing system terms and terms for mapping from one system to another.  
C) If major modifications were made to the base system, use the vendor's system user guides.  
D) During the training process, develop procedures for how the system will be used to support client care and associated administrative activities.  
E) Create backup procedures to be used in the event that the system is not running either for reasons of scheduled maintenance or unforeseen circumstances.

Answer: <https://biology-forums.com/index.php?topic=389478>

### Question 111

A nurse researcher selects a notebook computer to collect data for a research study. Which statement regarding data collection using mobile devices is accurate?

- A) Transcription errors may occur during data transmission.  
B) Time and costs relating to scrubbing data are usually much reduced.  
C) Redundant data entry may occur until the researcher becomes more skilled.  
D) An interactive data collection tool may turn off the participant.

Answer: <https://biology-forums.com/index.php?topic=389695>

### Question 112

A group of tasks related to the analysis of hardware requirements must be addressed during the implementation phase. List three specific examples of these items and provide an example for each.

Answer: <https://biology-forums.com/index.php?topic=389483>

### Question 113

Passwords are a common means to authenticate access to automated records. Which of these are recommendations for password selection and use?

Select all that apply.

- A) Storing passwords in a file on the computer.
- B) Using the same password for access to all site or systems.
- C) Using the browser "password save" feature.
- D) Using software to test and eliminate easily compromised passwords.
- E) Deleting and replacing all system user passwords when an employee is terminated.
- F) Frequent and random changing of password.

Answer: <https://biology-forums.com/index.php?topic=389519>

### Question 114

What is the primary purpose of system integration in a healthcare facility?

- A) Customize information systems within a department
- B) Offer seamless data exchange among disparate information systems
- C) Prevent system data errors via large scale electronic exchanges
- D) Provide reliable flow of information between facility and physician offices

Answer: <https://biology-forums.com/index.php?topic=389525>

### Question 115

Authorization differs from consent in which of these ways? Select all that apply.

- A) Authorization has no expiration date.
- B) Authorization expires on a stated date.
- C) Authorization is specific to the release of PHI for a specific purpose.
- D) Consent expires on a stated date.
- E) Consent is specific to the release of PHI for a specific purpose.

Answer: <https://biology-forums.com/index.php?topic=389595>

### Question 116

All client record information should be treated as confidential and kept from the view of unauthorized persons. List three steps the nurse should take for the proper handling and disposal of confidential Personal Health Information (PHI).

Answer: <https://biology-forums.com/index.php?topic=389515>

### Question 117

Match the computer type to the desired application:

- I. Supercomputer A. used to present a slide presentation at a meeting
- II. Mainframe B. translates hand writing into digital text
- III. Minicomputer C. used to support research at a large university
- IV. Desktop PC D. used to control drug delivery devices
- V. Laptop PC E. used as a client or server on a LAN
- VI. Tablet PC F. used to send text messages
- VII. Hybrid G. provides corporate computing at a large hospital chain
- VIII. Embedded H. provides computing at a small hospital

Answer: <https://biology-forums.com/index.php?topic=389359>

### Question 118

When evaluating a Request for Proposal (RFP) for the installation of a wireless system, the company would be most impressed with which of these? Select all that apply.

- A) A proposal that is written clearly, precisely, and professionally.
- B) The proposal is a standard request sent to a number of institutions.
- C) A proposal that appears to meet most of the "must" requirements.
- D) A proposal that includes precise answers to specific steering committee questions.
- E) The proposal was received a week before the deadline date.

Answer: <https://biology-forums.com/index.php?topic=389449>

### Question 119

Which telehealth transmission service is best when eight MRI scans must be sent to the consultant in a tertiary facility?

- A) Asynchronous Transfer Mode (ATM)
- B) Switched Multimegabit Data Services (T1 line)
- C) Integrated Services Digital Network (ISDN)

D) Digital subscriber line (DSL)

Answer: <https://biology-forums.com/index.php?topic=389663>

### Question 120

The term "mobile learning" (or "m-learning") denotes the use of mobile technologies, such as the mobile personal digital assistant (PDA). True or false?

A) True

B) False

Answer: <https://biology-forums.com/index.php?topic=389659>

### Question 121

Quality information is necessary to ensure proper client care is given. Discuss one of the threats to information availability and provide a rationale.

Answer: <https://biology-forums.com/index.php?topic=389377>

### Question 122

Which of these qualities should be considered desirable by the healthcare institution's steering committee when selecting an information systems consultant? Select all that apply.

A) Tendency to focus on results rather than trying to manage expectations

B) Highly organized and follows a clearly defined work plan

C) Excellent written communication skills, but difficulty with spoken communications

D) Considerable experience with hospital mainframe legacy systems

E) Strong personality that is up to the task of bucking the corporate culture

Answer: <https://biology-forums.com/index.php?topic=389452>

### Question 123

Match the following terms:

I. Send the same message to several users at once. A. Email

II. Initiate a chat session with a community of individuals. B. Instant messaging

III. Send short messages between two mobile devices. C. Text messaging

IV. Popular term for Short Message Service (SMS).

V. Retains extensive documentation and is searchable.

Answer: <https://biology-forums.com/index.php?topic=389402>

### Question 124

The EHR offers benefits to nurses, physicians, and other healthcare providers; the healthcare enterprise; and most importantly, the consumer. Much must be done before the benefits associated with the EHR can be realized. What is one action that has been proposed by experts?

A) Government intervention should promote information exchange among software vendors and healthcare systems.

B) Individual consumers should have lesser responsibility for data.

C) Consumers need education to choose providers based upon appropriate financial and insurance considerations.

D) Healthcare professionals should institute major changes in the way they work.

Answer: <https://biology-forums.com/index.php?topic=389561>

### Question 125

Which health risk related to computer use has been best documented?

A) Cataracts

B) Ulnar nerve syndrome

C) Carpal tunnel syndrome

D) Miscarriage or sterility

Answer: <https://biology-forums.com/index.php?topic=389346>

### Question 126

Which statement is true about protecting the confidentiality of client-related email?

A) Digital credentials utilize biometric means, such as thumbprint, to verify the identity of the sender.

B) Encryption keys prevent viruses or Trojan Horses from being attached to email messages.

C) Viruses may be transmitted by email messages so each email should be separately scanned prior to being read.

D) Public Key Infrastructure (PKI) uses unique codes to confirm the identity of those sending emails.

Answer: <https://biology-forums.com/index.php?topic=389388>

### Question 127

Which of these is an advantage in the use of personal digital assistants (PDAs) in the healthcare setting?

- A) Current medication information may be easily stored and compared to actual client data.
- B) PDAs may be synchronized with any network without the use of special equipment or software.
- C) Data loss is minimized due to long battery life and ease of backups.
- D) PDAs minimize the chance of interception of data transmission.

Answer: <https://biology-forums.com/index.php?topic=389351>

### Question 128

There are two types of interoperability: syntactic and semantic. Briefly explain the differences between them.

Answer: <https://biology-forums.com/index.php?topic=389543>

### Question 129

Knowledge discovery in databases (KDD) is a term used in other industries that is now seen in healthcare circles. Which of these statements about KDD is accurate?

- A) It is not available commercially but platforms can be custom built to suit the facility.
- B) The lack of bias is guaranteed by the vendor related to the complex patterns in collected data.
- C) The confidentiality of individual records may be protected through the use of data perturbation.
- D) It is a powerful tool suitable for the analysis of large or small amounts of data.

Answer: <https://biology-forums.com/index.php?topic=389702>

### Question 130

List three benefits associated with Virtual Learning Environments (VLEs) and a rationale for each.

Answer: <https://biology-forums.com/index.php?topic=389644>

### Question 131

List two specific examples of information technology needs that hospital strategic planning must address in the coming years.

Answer: <https://biology-forums.com/index.php?topic=389441>

### Question 132

Which description best fits a Work Breakdown Structure (WBS)?

- A) The implementation committee learns about the capabilities of a new wireless system.
- B) A project planning software program is selected for use by the steering committee to assist in planning needed changes.
- C) A timeline is developed to determine who will do necessary tasks for the implementation of each project phase.
- D) A committee is formed to guide the implementation of a new wireless system.

Answer: <https://biology-forums.com/index.php?topic=389465>

### Question 133

Post-disaster feedback is crucial to the design and implementation of a better continuity plan for future healthcare agency use. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389635>

### Question 134

Which one is the most appropriate team leader for a strategic planning team for an acute care institution?

- A) Nurse supervisor of the medical-surgical units, encompassing 130 beds.
- B) Vice President of Nursing and Patient Care Services, appointed two years ago.
- C) Nurse manager of a 16-bed coronary care unit who has been employed at the institution for one year.
- D) Resident Emergency Department physician who was recently hired.

Answer: <https://biology-forums.com/index.php?topic=389430>

### Question 135

Which of the following are considered Personal Health Information (PHI)? Select all that apply.

- A) Past medical history
- B) Social security number

- C) Home address
- D) Physician's name
- E) Payment information

Answer: <https://biology-forums.com/index.php?topic=389588>

### Question 136

Which of the following are found with the EHR (Electronic Health Record) but are not found with the CPR (Computer-based Patient Record)? Select all that apply.

- A) Assists with the work of planning and delivering evidence-based care
- B) Evidence-based decision support
- C) Comprehensive lifetime record that includes all information from all specialties
- D) Quality management
- E) Public health disease surveillance and reporting

Answer: <https://biology-forums.com/index.php?topic=389559>

### Question 137

Upon request of a client at discharge, a hospital faxes patient records containing personal health information to a nursing home. Later that day, the nursing home informs the hospital that the fax was never received. After some checking, the hospital finds that the fax was inadvertently sent to a small business. The business is contacted only to find that no one remembers receiving the fax, but if it had been received, it was likely thrown in the trash. List three examples of measures the hospital could put in place to enhance fax security.

Answer: <https://biology-forums.com/index.php?topic=389520>

### Question 138

A hospital client sees the nurse documenting information into the computer. She asks the nurse why the computer is better than the "old patient chart like hospitals have always used". Which of the following points would be accurate to say about an electronic medical record? Select all that apply.

- A) It captures the information needed for billing purposes.
- B) Data are in real-time, as things happen.
- C) More than one person can access the record at any given time.
- D) It is more secure than a paper record.
- E) The record is available when and where needed.

Answer: <https://biology-forums.com/index.php?topic=389544>

### Question 139

No dominant RHIO (Regional Health Information Organization) form has emerged and the federal government has not provided any preferences for a particular model. Which of the following are considered to be RHIO models? Select all that apply.

- A) Hybrid
- B) Proprietary
- C) Co-op
- D) Federation
- E) Community-based

Answer: <https://biology-forums.com/index.php?topic=389565>

### Question 140

Match the following terms:

- I. Blog A. Started out as a computerized dial-in meeting and announcement system for users to make statements, share files, and conduct limited discussions.
- II. Wiki B. Incorporates posts or articles in reverse chronological order but allows editing with a version history for each page
- III. Bliki C. Allows anyone to collaboratively write and edit documents
- IV. BBSs D. Provides a forum for individuals to maintain an online journal

Answer: <https://biology-forums.com/index.php?topic=389394>

### Question 141

List two methods used to gain an understanding of the current information system and provide examples of findings for each.

Answer: <https://biology-forums.com/index.php?topic=389456>

### Question 142

The role of the Informatics Nurse (IN) includes three of the following. Which role is only appropriate for the Informatics Nurse Specialist (INS)?

- A) Transforming information into knowledge.
- B) The design and testing of information systems.
- C) Disseminating information for appropriate healthcare uses.
- D) Transforming data into information.

Answer: <https://biology-forums.com/index.php?topic=389340>

### Question 143

Match the appropriate scenario to the desired term:

- I. Out of curiosity, a nurse reviews the medical records of a person who is not assigned as a client; the person is a well-known politician. A. Opportunist
- II. On a dare, a computing student successfully breaches hospital security. D. Sabotage
- III. Upon request, a physician gives the mother of a patient a copy of her estranged eighteen-year-old daughter's psychiatric report. C. Hacker
- IV. An I.S. staff member tells a friend about a weakness in the hospital's firewall, which leads to a security breach. B. Unauthorized user

Answer: <https://biology-forums.com/index.php?topic=389518>

### Question 144

Web 2.0 is a second phase of the World Wide Web development. Which of the following technologies are included in Web 2.0? Select all that apply.

- A) YouTube
- B) Wikis
- C) Podcasts
- D) Blogs
- E) Vodcasts

Answer: <https://biology-forums.com/index.php?topic=389648>

### Question 145

List at least four specific requirements to consider when selecting a computer system and related hardware:

Answer: <https://biology-forums.com/index.php?topic=389361>

### Question 146

Which of these would best prepare a nursing student for the National Council Licensure Examination for Registered Nurses (NCLEX-RN)?

- A) Form a study group to review subject content and surf the Internet for review sites and links.
- B) Purchase a review text with companion compact disc containing NCLEX-RN types of questions.
- C) Purchase a review text with a companion compact disc that has links to study sites on the Internet.
- D) Purchase a review text that has practice questions and drills on a compact disc, including test answers.

Answer: <https://biology-forums.com/index.php?topic=389645>

### Question 147

Web 2.0 is now considered the "read-write-listen" Web. List three reasons why this is important to health education. That is, list three avenues by which the health profession learner can "read-write-listen" in Web 2.0.

Answer: <https://biology-forums.com/index.php?topic=389656>

### Question 148

Identity theft now represents a growing concern in the healthcare arena. One type of identity theft involves one individual impersonating the unsuspecting victim to use his or her insurance information to receive costly healthcare. Which of the following does not exemplify results of such an identity theft?

- A) The provider is defrauded.
- B) The provider submits a fraudulent claim.
- C) The victim's credit history is tarnished
- D) The victim may be at risk later on.

Answer: <https://biology-forums.com/index.php?topic=389607>

### Question 149

The rate of suspected adverse drug reaction (ADR) among clients in the maternity unit is climbing. The nurse manager is aware that a WHO ADR database analyzes millions of suspected ADR reports in order to discover new adverse effects. This WHO tracking is an example of:

- A) Knowledge discovery.
- B) Electronic data interchange.
- C) Data mining.
- D) Data scrubbing.

Answer: <https://biology-forums.com/index.php?topic=389380>

### Question 150

Match the following terms:

- I. Data A. a graph of a client's temperature readings showing changes over time.
- II. Information B. represents the human part of appropriately managing and solving problems.
- III. Knowledge C. recording of an individual client's single temperature reading.
- IV. Wisdom D. based on a logical process of analysis and provides order to thoughts and ideas.

Answer: <https://biology-forums.com/index.php?topic=389331>

### Question 151

During the implementation phase in the strategic planning process, what is the initial task of the working committee?

- A) Develop a timeline.
- B) Create a budget.
- C) Execute the plan.
- D) Develop procedures.

Answer: <https://biology-forums.com/index.php?topic=389440>

### Question 152

The Electronic Health Record (EHR) has the potential to integrate all pertinent patient information into one record. It also has potential to improve the quality of health information, patient safety, and productivity; contain costs; support research; decrease wait time for treatment and contribute to the body of healthcare knowledge. State three reasons why traditional paper records on clients no longer meet the needs of today's healthcare industry.

Answer: <https://biology-forums.com/index.php?topic=389562>

### Question 153

What are the benefits of data integration? Select all that apply.

- A) Development of a computer-based patient record.
- B) Potential for improved remote access of clinical data from various systems.
- C) Facilitation of data collection for accreditation purposes.
- D) Trend analysis of financial and clinical data.
- E) Encouraging the use of systems customized to meet department specifications.

Answer: <https://biology-forums.com/index.php?topic=389531>

### Question 154

Computer related technology may be used in a variety of ways to support and enrich education. Briefly identify three of these ways and provide an example of each.

Answer: <https://biology-forums.com/index.php?topic=389653>

### Question 155

Information in the EHR (Electronic Health Record) may be owned by the patient or stakeholder. Which of the following about the EHR is different than the EMR (Electronic Medical Record)?

- A) The EHR records and manages only episodic information.
- B) Dental records components are not included.
- C) It does not provide interactive client access.
- D) Clients may append information if desired.

Answer: <https://biology-forums.com/index.php?topic=389548>



### Question 156

The ANCC (American Nurses Credentialing Center) used the foundation provided by the ANA (American Nurses Association) in its definition of nursing informatics and scope and standards of practice. Applicants for the Informatics Nurse credentialing examination are required to meet which of the following minimum criteria? Select all that apply.

- A) Advanced, graduate education in nursing informatics (or related field).
- B) Baccalaureate or higher degree in nursing (or relevant field baccalaureate).
- C) Equivalent of two years of full time professional practice.
- D) Current, active license as a professional nurse.
- E) Professional clinical practice for at least 500 hours.

Answer: <https://biology-forums.com/index.php?topic=389337>

### Question 157

While the term RHIO (Regional Health Information Organization) is now used with greater frequency, it may be referred to as a Health Information Exchange (HIE). Healthcare Information Exchange (HIE) is the sharing of patient information such as demographic data, allergies, presenting complaint, diagnostic test values and other relevant data between providers such as primary physicians, specialists, hospitals, and ambulatory care settings. This HIE sharing should be \_\_\_\_\_.

- A) uni-directional
- B) manual
- C) bi-directional
- D) longitudinal

Answer: <https://biology-forums.com/index.php?topic=389575>

### Question 158

As HIE (Healthcare Information Exchange) gains momentum at the community level, the next step is to link to a National Health Information Network (NHIN). In the meantime, RHIOs (Regional Health Information Organizations) must remain responsive to stakeholders while taking care to keep client care, privacy and security of health information as top priorities. State one specific intervention that is needed for RHIO success in the future.

Answer: <https://biology-forums.com/index.php?topic=389574>

### Question 159

Ambulatory Payment Classification (APC) describes reimbursement criteria for Medicare clients. APC coding is seen in which area?

- A) Inpatient hospital
- B) Ambulatory care
- C) Inpatient mental health
- D) Nursing home

Answer: <https://biology-forums.com/index.php?topic=389600>

### Question 160

The Joint Commission accreditation benefits an organization in which of these ways? Select all that apply.

- A) Strengthens information system documentation
- B) Ensures HIPAA compliance
- C) Promotes community confidence in the organization
- D) Expedites third-party payment
- E) Improves staff recruitment and retention

Answer: <https://biology-forums.com/index.php?topic=389597>

### Question 161

A nursing student wishes to initiate a search for interesting research topics. The student decides to peruse client positioning during pulmonary artery catheter readings. Among the following, which is/are suitable for this topic? Select all that apply.

- A) MEDLINE
- B) Google
- C) PubMed
- D) CINAHL
- E) PsychINFO

Answer: <https://biology-forums.com/index.php?topic=389691>

### Question 162

The Minimum Data Set (MDS) is the primary driver of Medicare Part A reimbursement for skilled nursing facilities (SNFs). The MDS must be completed accurately for reimbursement. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389602>

### Question 163

Integration is a massive project within institutions and enterprises. It generally requires more time and effort than originally projected. Which of the following are factors that may slow down the integration process? Select all that apply.

- A) Unrealistic institutional timetable.
- B) Lack of agreement among merged institutions.
- C) Lack of vendor support.
- D) Insufficient documentation.
- E) Changing user specifications.

Answer: <https://biology-forums.com/index.php?topic=389539>

### Question 164

Which of these is characteristic of an automated Radiology Information System (RIS)?

- A) As each test is ordered, the user is prompted to answer questions such as the purpose of the test.
- B) Images may be faxed to other institutions for timely consultations.
- C) Once a test is completed, the film is scanned to an optical imaging disc.
- D) As soon as the test is performed, the system interprets the results and sends an electronic report.

Answer: <https://biology-forums.com/index.php?topic=389413>

### Question 165

Which of the following suggests that a vendor is reliable?

- A) The vendor is knowledgeable about the system and provides additional information without prompting.
- B) The vendor addresses all requirements for the system and quickly provides answers for questions.
- C) The vendor is willing to provide customized services for the institution at a reasonable negotiable fee.
- D) The vendor provides a contact list of previous customers, but none is willing to be interviewed.

Answer: <https://biology-forums.com/index.php?topic=389446>

### Question 166

An overlay occurs when one individual is assigned in the master patient index to another individual's health record. A healthcare facility has discovered that an overlay has occurred resulting in invalid data being stored in key identifying fields. Which of these information security areas does this breach effect?

- A) Availability
- B) Survivability
- C) Inadvertent disclosure
- D) Integrity

Answer: <https://biology-forums.com/index.php?topic=389508>

### Question 167

Together the Joint Commission and HIPAA require that healthcare providers perform a business impact analysis, employ crisis management, conduct employee training, implement ongoing continuity plan reviews, plan for information technology disasters and recovery, and audit their continuity plan processes. There are other groups that demonstrate interest in business continuity management. Which of the following are included in those other groups? Select all that apply.

- A) Federal Emergency Management Agency (FEMA)
- B) Disaster Recovery Institute International
- C) Food and Drug Administration (FDA)
- D) National Institute of Standards and Technology (NIST)
- E) Bioterrorism Working Group, Centers for Disease Control and Prevention (CDC)

Answer: <https://biology-forums.com/index.php?topic=389628>

### Question 168

Match the appropriate computer component to the desired term:

- I. Central Processing Unit (CPU) A. disappears when the power is off; provides only
- II. Arithmetic Logic Unit (ALU) temporary storage for the active program, as well as

III. Read-only memory (ROM) for data that are being processed.  
IV. Random access memory (RAM) B. remains when the power is off; contains the start-up instructions executed each time the computer is turned on.  
C. executes instructions for the manipulation of numeric symbols.  
D. electronic circuitry that executes computer instructions.  
Answer: <https://biology-forums.com/index.php?topic=389358>

### Question 169

Match the following terms:  
I. The final decision rests with the user. A. Decision support system  
II. The system makes the decision for the user. B. Expert system  
III. Incorporates artificial intelligence for modeling decisions.  
IV. Provides several options from which the user may choose.  
V. Relies on the knowledge of experts in the field.  
Answer: <https://biology-forums.com/index.php?topic=389416>

### Question 170

List two specific factors to consider when selecting a training method and provide a rationale for each.  
Answer: <https://biology-forums.com/index.php?topic=389501>

### Question 171

The term interoperability is used when discussing the large scale electronic exchange of healthcare information across enterprises for the purpose of accessing and maintaining longitudinal health records. The term interoperability is understood to mean which of these? Select all that apply.  
A) It is accurate to use the term interchangeably with the term interface.  
B) Is the ability of two entities, whether human or machine, to exchange and use data.  
C) Has the ability to exchange the structure of data and meaning of data.  
D) Has the ability to exchange the structure of the data, but not the meaning of data.  
E) Has the ability to exchange the meaning of data, but not the structure of data.  
Answer: <https://biology-forums.com/index.php?topic=389530>

### Question 172

VLEs (Virtual Learning Environments) facilitate electronic learning (e-learning) for students. Identify whether the following variables influence or do not influence the effectiveness of VLEs. Influence or do not influence?  
I. Software quality A. Influence  
II. Characteristics of the learner B. Do not influence  
III. Computer use environment  
IV. Characteristics of the faculty  
Answer: <https://biology-forums.com/index.php?topic=389643>

### Question 173

The text discusses three ongoing standardization initiatives to achieve interoperability for EHRs. Match these terms:  
I. This initiative is an international effort. A. openEHR  
II. Uses self-contained units called services as a means of exchanging clinical documents between systems. B. HL7  
III. Uses XML ( Extensible Markup Language) for storage and movement of clinical documents between systems. C. service oriented architecture (SOA)  
IV. Vendor and technology neutral and does not require specific equipment.  
V. Uses archetypes (clinical models of content and process) as a means of exchanging clinical documents between systems.  
VI. Its name refers to both an organization and its standards for the exchange of clinical data.  
Answer: <https://biology-forums.com/index.php?topic=389542>

### Question 174

Nursing can reap significant benefits from integration. Which of the following integration statement is accurate for nursing?  
A) Nursing involvement is unnecessary so long as I.S. staff are given requirements.

- B) Nursing should be sure that data will be collected in several systems for sharing.  
C) The use of a data dictionary can interfere with system integration processes.  
D) Trends in client care data and cost analysis can be used to justify nursing staffing levels.

Answer: <https://biology-forums.com/index.php?topic=389540>

### Question 175

The nurse manager wishes to hire a nurse who is both computer and information literate. The candidate who best fits these criteria is a nurse who can:

- A) Document a client's vital signs and physical assessment in the electronic medical record.  
B) After reviewing several Web sites, select a Web site appropriate for a client who wishes to learn about smoking cessation.  
C) At a client's request, search for medication interactions on the Internet and send the information by email to the client.  
D) Prepare a presentation with animation and graphics for a staff meeting.

Answer: <https://biology-forums.com/index.php?topic=389327>

### Question 176

Which of the following are considered to be appropriate uses of telenursing? Select all that apply.

- A) Obtaining test results  
B) Making follow-up calls  
C) Checking biometric measurements  
D) Telephone triage  
E) Advanced primary practice

Answer: <https://biology-forums.com/index.php?topic=389673>

### Question 177

A nurse manager wishes to hire a new nurse who has just graduated from nursing school. At the beginning level of informatics competencies, the nurse should be able to:

- A) Attain Informatics Nurse certification within six months of beginning practice.  
B) Prepare a PowerPoint presentation with graphics for a staff meeting.  
C) Input vital signs and intake and output data in the electronic medical record.  
D) Utilize the Internet to review trends in healthcare information technology.

Answer: <https://biology-forums.com/index.php?topic=389333>

### Question 178

A relational database is a type of database that is specifically designed for which of these?

- A) Accessing data stored in multiple databases.  
B) Answering complex analytical questions.  
C) Exclusive use of a Database Administrator (DBA).  
D) Using data that are represented as tables.

Answer: <https://biology-forums.com/index.php?topic=389379>

### Question 179

A good continuity plan can anticipate problems and minimize losses incurred by damage. Which of the following are advantages associated with continuity planning? Select all that apply.

- A) Allowing time for restoration of equipment, facility, and services  
B) Means to capture information needed for regulatory and accrediting bodies  
C) Complete protection against interruption in services  
D) Strategies for correction of organization vulnerabilities  
E) Providing continuity of client records and delivery of care

Answer: <https://biology-forums.com/index.php?topic=389622>

### Question 180

Successful RHIOs (Regional Health Information Organizations) need to deliver relevant information to clinicians where and when they need it. List four examples of the relevant information needed by clinicians.

Answer: <https://biology-forums.com/index.php?topic=389569>

### Question 181

Which type of client information is least suited for "store-and-forward" technology?

- A) A client's biopsy sample is digitally photographed and transmitted electronically to the pathology lab.
- B) A client's EEG (electroencephalogram) and brain scan are transmitted to the consulting surgeon to follow up a craniotomy of two months ago.
- C) A client with increasing symptoms of heart failure is instructed to come to the clinic for a state CXR (chest x-ray).
- D) A client with chronic asthma comes to the clinic for a routine CXR (chest x-ray).

Answer: <https://biology-forums.com/index.php?topic=389668>

### Question 182

Which is the most essential knowledge for a staff nurse end user? Select all that apply.

- A) Error message content recognition.
- B) Basic equipment troubleshooting procedures.
- C) Protocol for dealing with system "freezes" and "crashes."
- D) Backing up the computer system at the end of each shift.
- E) Data entry error log review.

Answer: <https://biology-forums.com/index.php?topic=389493>

### Question 183

Which of these would most benefit from a complete computer system upgrade?

- A) An institution using a mainframe legacy system.
- B) A small clinic that has an electronic record system in place.
- C) Two institutions that use similar mainframe systems merge.
- D) Three institutions that use similar Windows-based operating systems merge.

Answer: <https://biology-forums.com/index.php?topic=389432>

### Question 184

Which of these are major impediments to the development of an EHR (Electronic Health Record)? Select all that apply.

- A) Confidentiality
- B) Lack of a common vocabulary
- C) Development of an electronic infrastructure
- D) Cost
- E) Information system vendors

Answer: <https://biology-forums.com/index.php?topic=389552>

### Question 185

Which is the most likely reason for a College of Nursing to offer distance learning courses?

- A) To minimize student contact with faculty by using email and the Internet
- B) To decrease faculty workload by automating course content and lectures
- C) To extend geographic boundaries and reach increased numbers of students
- D) To facilitate computer literacy in students who are unfamiliar with computers

Answer: <https://biology-forums.com/index.php?topic=389637>

### Question 186

Briefly compare and contrast the traditional nursing process approach and the critical pathway, or protocols, approach.

Answer: <https://biology-forums.com/index.php?topic=389418>

### Question 187

Which type of research is best suited for using nurnmetrics?

- A) The generation and testing of new models of healthcare delivery using computers
- B) The compilation of unified medical language systems into a universal language
- C) The collapsing of databases into one large data set for research purposes
- D) The collection of data to create a uniform data set for nursing care and outcomes

Answer: <https://biology-forums.com/index.php?topic=389692>

### Question 188

Each organization must select its criteria for business disaster recovery timeframes based upon its own perspective. Data flowcharts help to ensure that \_\_\_\_\_ .

- A) the timeframes are appropriate
- B) all critical processes are documented

- C) integrity of the information is maintained
- D) no personnel are left out of the process

Answer: <https://biology-forums.com/index.php?topic=389631>

### Question 189

Several obstacles have been identified to the formation and long-term success of RHIOs; one of these is scarce human resources. Briefly explain why this is a problem.

Answer: <https://biology-forums.com/index.php?topic=389579>

### Question 190

Among the following computer-related policies, which is/are appropriate? Select all that apply.

- A) A radiology student makes a copy of a client's MRI report to prepare for the next day's clinical. The copy is accidentally left in the waiting room and found by a staff member. The policy is to dismiss the student from the clinical site.
- B) Both students and employees sign documents that explain the consequence of termination for misuse of the system.
- C) Once trained and entered into the system, employees may sign other users in under their access code for documentation purposes when necessary.
- D) A nursing student shared confidential lab results obtained from the system at the request of one of the student's relatives. The policy is to dismiss the student from the clinical site.
- E) Access codes are assigned to authenticate each individual user's identity and may not be shared with anyone.

Answer: <https://biology-forums.com/index.php?topic=389494>

### Question 191

Which of these is an example of rule-based testing technology?

- A) When lab results for an electrolyte panel are reported, the results contain normal ranges of each electrolyte.
- B) Labels have bar codes so clients may be identified accordingly.
- C) Lab results are printed for identified healthcare providers who are assigned to specific clients.
- D) Labels for lab draws include directions to place the sample on ice when collected.

Answer: <https://biology-forums.com/index.php?topic=389408>

### Question 192

The best estimate of the number of informatics nurses needed over the next few years is:

- A) 2,000 to 5,000.
- B) 500 to 1,500.
- C) 6,000 to 12,000.
- D) 15,000 to 25,000.

Answer: <https://biology-forums.com/index.php?topic=389334>

### Question 193

The Bush administration called for the adoption of the EHR (Electronic Health Record) by 2014 as a means to help transform US healthcare. Who owns the individual client record when an EHR is used?

- A) The institution at which the record is created
- B) Ownership is unclear
- C) The client
- D) The healthcare providers who enter the data

Answer: <https://biology-forums.com/index.php?topic=389551>

### Question 194

Match the appropriate scenario to the desired term:

- I. You receive e-mail purportedly from your bank, A. Spam notifying you that someone may have gained illegal B. Phishing access to your account. You are asked to confirm your C. Worm account information, including account number, Social D. Trojan horse Security number, user ID and password for online banking. E. Virus
- II. You receive e-mail announcing the latest natural F. Logic bomb supplement for reversing memory loss.
- III. You open a file that came as an e-mail attachment and now strange messages keep appearing on the computer screen.
- IV. You have recently opened a file attached to e-mail.

Now attempting to save files on the hard drive results in a "disk full" message.

V. You recently downloaded free software. You start your computer on the first day of the month and later in the day you notice that certain files have been deleted.

VI. After downloading and launching a free screensaver your computer randomly shuts off but can be restarted.

Answer: <https://biology-forums.com/index.php?topic=389522>

### Question 195

Financial return on investment has been a primary factor in the decision to participate in a RHIO (Regional Health Information Organization). True or false?

A) True

B) False

Answer: <https://biology-forums.com/index.php?topic=389587>

### Question 196

Which form of training would best fit the needs of a night shift worker (11PM to 7AM)?

A) A full-day workshop that starts shortly after the end of the shift.

B) An online tutorial that can be accessed when it fits worker's time off.

C) A three-hour video that can be run at during the worker's shift.

D) A Listserv set up for email comments and questions.

Answer: <https://biology-forums.com/index.php?topic=389491>

### Question 197

A hospital is implementing a new electronic nurse charting system. When selecting members for the implementation committee, if all are available, which one of these should be given priority?

A) Informatics nurse.

B) Chief information officer.

C) Experienced consultant.

D) Informatics nurse specialist.

E) Steering committee chairperson.

Answer: <https://biology-forums.com/index.php?topic=389476>

### Question 198

List three specific goals of information systems strategic planning.

Answer: <https://biology-forums.com/index.php?topic=389442>

### Question 199

Interface engines work in the background and are not seen by the user. This technology allows applications to interact with hardware and other applications. List four benefits associated with the use of interface engines.

Answer: <https://biology-forums.com/index.php?topic=389538>

### Question 200

Enactment of HIPAA was supposed to help reduce healthcare costs by simplifying the claims submission process. Which of the following correctly describes how well simplification is working?

A) No savings have been realized

B) Substantial savings have been realized

C) Modest savings have been realized

D) Marginal savings have been realized

Answer: <https://biology-forums.com/index.php?topic=389606>

### Question 201

Which is the most effective way to reduce SPAM (unsolicited e-messages) in the workplace?

A) Send and receive all company email from a single email account.

B) Allow the email application program to filter all mail and send unwanted messages to the trash.

C) Reply to each message and request to be taken off the mailing list.



D) Use "challenge response software" to request confirmation that the email was sent by a person.

Answer: <https://biology-forums.com/index.php?topic=389389>

### Question 202

A nurse practitioner (NP) approaches a computer terminal at the local healthcare facility. In order to gain access to client information, the NP must first slide a smartcard through a card reader and then place a finger on a scanner. Which authentication measures were used to verify the NP's authorization to access client data? Select all that apply.

- A) Picture authentication package.
- B) Appearance of the user's name on a screen.
- C) Encrypted pass key authentication.
- D) Biometric authentication.
- E) Proximity radio authentication.

Answer: <https://biology-forums.com/index.php?topic=389513>

### Question 203

Which of the following statements about EBP (Evidence Based Practice) is true?

- A) Staff nurses indicate higher levels of familiarity with EBP than advanced practice nurses.
- B) The standards of practice are not currently established with evidence-based competencies.
- C) Hospitals have not yet begun to build EBP into their clinical ladders.
- D) A number of facilities now consider EBP to be part of everyday clinical practice.

Answer: <https://biology-forums.com/index.php?topic=389699>

### Question 204

A sample fax cover sheet and a sample ethical computing statement are provided in your textbook. Explain when each of them is used. Then state one specific example for each showing how their use enhances information security.

Answer: <https://biology-forums.com/index.php?topic=389524>

### Question 205

The information system life cycle in the text is divided into four main phases. The process is initiated with Phase 1 and proceeds through Phase 2. Match the appropriate phase description to the desired phase number. Select "not applicable" for the choices that are not life cycle phases.

- I. System selection A. Phase 1
- II. System analysis B. Phase 2
- III. Needs assessment C. Phase 3
- IV. Development D. Phase 4
- V. Maintenance E. not applicable
- VI. Implementation

Answer: <https://biology-forums.com/index.php?topic=389458>

### Question 206

An emerging technology related to EHR (Electronic Health Record) progress is the use of the Personal Health Record (PHR). PHRs store client information that will eventually contribute to the development of a comprehensive, longitudinal record. Which of the following are found in a PHR but are not found in the EHR? Select all that apply.

- A) Legal documentation created in a hospital
- B) Herbal supplements
- C) Periodic risk assessment survey results
- D) Health status parameters such as exercise
- E) Decision support

Answer: <https://biology-forums.com/index.php?topic=389558>

### Question 207

Match the following terms to their appropriate description:

- I. Data management A. Process of controlling the collection, storage, retrieval, and use of data
- II. Data warehouse B. Most commonly occurs as a function of a software application in conjunction with secondary storage media
- III. Data retrieval C. May be done internally or outsourced
- IV. Data disposal D. Reconciles data inconsistencies that arise from different
- V. Data cleansing systems as well as duplicate entries in one system

VI. Data mining E. Looks for hidden patterns and relationships in large groups of data

F. Repository for storing data from several different databases

Answer: <https://biology-forums.com/index.php?topic=389381>

### Question 208

Healthcare agencies use a continuity plan to ensure business continuity and successful recovery after a disaster. Which of the following is the most effective way to emphasize the importance of disaster preparedness?

- A) Conduct staff reviews of continuity and recovery plans
- B) Test the emergency staff notification system
- C) Incorporate mock disaster situations into staff training
- D) Display continuity plans in conspicuous places

Answer: <https://biology-forums.com/index.php?topic=389626>

### Question 209

Which of the following are considered to be benefits associated with HIE (Health Information Exchange)? Select all that apply.

- A) Cost savings
- B) Better provider-patient relationships
- C) Streamlined workflow
- D) Improved client health
- E) Improved outcomes

Answer: <https://biology-forums.com/index.php?topic=389578>

### Question 210

Which is a disadvantage of desktop videoconferencing (DTV) for telehealth?

- A) DTV uses real-time synchronous encounters for face-to-face meetings.
- B) DTV requires a personal computer with a modem to function.
- C) DTV is more expensive than most videoconferencing systems.
- D) DTV may not support high-resolution, high-speed transmissions.

Answer: <https://biology-forums.com/index.php?topic=389665>

### Question 211

An implementation is to go live in a limited number of client units but in all ancillary departments. The remaining client units would be scheduled to go live in groups, staggered over a specified time frame. What implementation strategy is being used?

- A) Roll out.
- B) Modular.
- C) Direct.
- D) Occur All At Once.

Answer: <https://biology-forums.com/index.php?topic=389477>

### Question 212

Data mining supports sifting through large volumes of data at rapid speeds. In which instance would the use of data mining be inappropriate?

- A) To provide information that may enhance the company's market share.
- B) To hide confidential information in databases using real values.
- C) To identify common factors relating to medication errors.
- D) To search databases to review trends in the healthcare arena.

Answer: <https://biology-forums.com/index.php?topic=389694>

### Question 213

The Health Insurance Portability and Accountability Act (HIPAA) requires healthcare providers and insurers to obtain additional documentation from researchers related to assurances of patient safety and confidentiality. Which of these is the key concern about human subjects in healthcare research?

- A) That all subjects are protected from the researcher getting access to their confidential information before disclosing their health information
- B) That authorization is still required even if an institutional review board grants a waiver or alteration of authorization requirements
- C) That authorization is still required even if information has been de-identified according to Privacy Rule standards
- D) That one signed authorization form for research is valid for a current research study and covers any future research projects

Answer: <https://biology-forums.com/index.php?topic=389697>

### Question 214

Mobile technologies make it possible for distance students to network with fellow students who live miles apart. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389661>

### Question 215

The members of a steering committee should be carefully selected. Which committee would be most effective?

- A) A 12-member committee consisting of staff nurse representatives from each unit.
- B) A 5-member committee consisting of one upper-level management representative from each department.
- C) A 4-member committee consisting entirely of high-level executive board members.
- D) A 15-member committee consisting of multidisciplinary representatives from each unit/department.

Answer: <https://biology-forums.com/index.php?topic=389454>

### Question 216

The nurse gathers much data when caring for clients. Which is an example of the higher-level "information" useful in caring for clients?

- A) Lab work results include an electrolyte panel and complete blood count with differential.
- B) After receiving Rocephin (ceftriaxone sodium) 1.0 gram IV yesterday, the client reported feeling better today.
- C) The client is a widowed 64-year-old black male admitted with prostatitis.
- D) The vital signs are BP of 130/70, HR of 88, RR of 24, temperature of 98.8 degrees F., and oxygen saturation of 98%.

Answer: <https://biology-forums.com/index.php?topic=389325>

### Question 217

Which statement regarding the training approaches is true?

- A) Blended learning is popular because it is appropriate for almost any content need.
- B) Users may choose online multimedia or online tutorials to enhance retention.
- C) Computer-based training should be used whenever data entry is required.
- D) Instructor-led training is still the best approach even though it is now less prevalent.

Answer: <https://biology-forums.com/index.php?topic=389492>

### Question 218

Lost or damaged data have a negative impact on business processes, impede the delivery of safe care, reduce productivity, and undermine public confidence. It is estimated that somewhere between \_\_\_\_\_ of organizations that have incurred a significant downtime with data loss will go out of business within five years.

- A) 10 to 50%
- B) 30 to 80%
- C) 20 to 70%
- D) 40 to 90%

Answer: <https://biology-forums.com/index.php?topic=389624>

### Question 219

Considerable planning must be done before the go-live event. List three specific examples of planning elements and provide rationale for each.

Answer: <https://biology-forums.com/index.php?topic=389484>

### Question 220

A major consideration for organizations implementing new systems is the return on investment (ROI). ROI can be measured using tangible and intangible measures. List two examples of tangible measures and two examples of intangible measures.

Answer: <https://biology-forums.com/index.php?topic=389480>

### Question 221

Which of these steering committee members should likely be replaced?

- A) The Coronary Care Nurse Manager who attends half the regularly scheduled meetings.
- B) The Medical Director of the organization who attends two-thirds of the regularly scheduled meetings.
- C) The Chief Executive Officer of the hospital who attends all meetings.
- D) The Chief Nursing Officer who attends more than half of the regularly scheduled meetings.

Answer: <https://biology-forums.com/index.php?topic=389455>

### Question 222

In 2001, the Joint Commission introduced new emergency management standards for hospitals, long-term care facilities, and behavioral health and ambulatory care that focus on the concept of community involvement in the management process. What event was recently added by The Joint Commission to the list of events that organizations must consider in their plans?

- A) Disaster preparedness
- B) Information security
- C) Bioterrorism
- D) Recovery planning

Answer: <https://biology-forums.com/index.php?topic=389629>

### Question 223

Which statement is true regarding the realization of a universal electronic health record (EHR)?

- A) The lack of common language prevents the EHR from becoming a reality.
- B) Healthcare providers are unified in the standardization of the EHR.
- C) Security and confidentiality issues have been resolved.
- D) The EHR exists only in private, for-profit acute-care institutions.

Answer: <https://biology-forums.com/index.php?topic=389688>

### Question 224

Which of the following examples demonstrate how nursing informatics helps to support nursing practice? Select all that apply.

- A) Computer-generated nursing care plans and critical pathways.
- B) Tools to assist consumers in assuming greater responsibility for payment for services.
- C) Prompts that appear during documentation to ensure comprehensive charting.
- D) Computer-generated client documentation including discharge instructions.
- E) Quick access to computer-archived patient data from previous encounters.

Answer: <https://biology-forums.com/index.php?topic=389341>

### Question 225

Which statement indicates the nurse is correctly documenting according to a critical pathway?

- A) Variances are identified if client outcomes are not as anticipated.
- B) Nursing documentation is entered in nursing diagnoses and outcome statements framework.
- C) Nursing documentation is entered separately from that of other healthcare team members.
- D) Only one critical pathway is selected at a given time for a given client.

Answer: <https://biology-forums.com/index.php?topic=389411>

### Question 226

The focus of disaster planning in electronic healthcare information should be on which of these?

- A) Supporting patient care by providing continual access to patient information
- B) Ensuring that all patient care information is available in hardcopy
- C) Recovery and restoration of healthcare data and information
- D) Safeguarding business continuity by protection of healthcare data

Answer: <https://biology-forums.com/index.php?topic=389612>

### Question 227

Which phrase best fits an organization's mission statement?

- A) To develop wellness service clinics in an urban area in the Midwest.
- B) To promote educational activities related to caring for the sick and injured.
- C) To expand home care services in the rural area in the Southeast.
- D) To build a unit for clients with chronic obstructive pulmonary disease.

Answer: <https://biology-forums.com/index.php?topic=389433>

### Question 228

Regional Health Information Organizations (RHIOs) are an effort to focus on the areas of technology, interoperability, and standards utilization. Which of the following statements about RHIOs is accurate?

- A) RHIOs must have a strong business model for generation of revenue because of the large initial financial investment needed.
- B) RHIOs promote one-directional sharing of patient information for healthcare providers.

- C) RHIOs must document an ongoing source of grant income to assure the community of remaining viable.  
D) RHIOs represent the initiative where healthcare providers, healthcare systems, payers, and businesses exchange information for the collective good.

Answer: <https://biology-forums.com/index.php?topic=389564>

### Question 229

Analyzing appropriate hardware requirements is necessary when implementing a new information system. Which of these solutions is most appropriate?

- A) Compare information collected during the needs assessment against the equipment budget and available hardware and software features.  
B) Staff may elect to use their own personal digital assistants to send and receive client data.  
C) Thin clients are placed in central locations to access the system.  
D) Laser printers are connected to the system network for printing laboratory results.

Answer: <https://biology-forums.com/index.php?topic=389474>

### Question 230

Using good ergonomics when one is utilizing a computer-work station can reduce related injuries. List at least three specific examples of how ergonomics may be used to reduce the risk of computer-induced injury and provide a rationale for each.

Answer: <https://biology-forums.com/index.php?topic=389354>

### Question 231

Which of these is an advantage of implementing a computerized order entry system?

- A) Clinicians readily accept the new system, related to work process changes.  
B) Physicians generally approval of the new system, related to perceived advantages.  
C) Each department is notified simultaneously as orders are processed through the system.  
D) Increased system access or response time is available to the healthcare provider.

Answer: <https://biology-forums.com/index.php?topic=389412>

### Question 232

Continuity planning is not associated with HIPAA legislation. True or false?

- A) True  
B) False

Answer: <https://biology-forums.com/index.php?topic=389633>

### Question 233

State the purpose for scanning the environment during the planning process. Then name two sources of external environment data, and two sources of internal environment data.

Answer: <https://biology-forums.com/index.php?topic=389443>

### Question 234

List three specific examples of factors that slow systems integration.

Answer: <https://biology-forums.com/index.php?topic=389532>

### Question 235

A nurse practitioner wishes to send e-mail to all clients on a distribution list without displaying the e-mail addresses of those on the list to the recipients. Which of the following will appropriately accomplish this task?

- A) The nurse practitioner must send a separate message to each individual client as primary recipient.  
B) Include the nurse practitioner's e-mail address as primary recipient and the client addresses as blind copies (BCC).  
C) Include the recipient e-mail addresses as primary recipients and the nurse practitioner's address as a blind copy (BCC).  
D) Include the nurse practitioner's e-mail address as primary recipient and the client addresses as carbon copies (CC).

Answer: <https://biology-forums.com/index.php?topic=389397>

### Question 236

Which example of an online resource is inappropriate for telehealth professionals?

- A) Client electronic medical records with progress and treatment  
B) Electronic prescriptions and medication information  
C) Critical pathways and client outcomes information  
D) Abstracts, full-text literature, and research data access

Answer: <https://biology-forums.com/index.php?topic=389669>

### Question 237

A qualitative researcher studying lived experiences of congestive heart failure clients wishes to analyze data obtained from client interviews. Which software programs are best suited for this researcher's purpose?

- A) SYSTAT and HyperRESEARCH
- B) NUD\*IST and Nvivo
- C) BMDP and DataDesk
- D) SAS and SPSS

Answer: <https://biology-forums.com/index.php?topic=389686>

### Question 238

The second step in continuity planning is the development of the plan itself. This step determines the probabilities of all types of disasters, their impact on critical functions, and which of these other concerns?

- A) Factors necessary to restore services
- B) Business impact analysis
- C) Systematic evaluation
- D) Policies, procedures and vendor contracts

Answer: <https://biology-forums.com/index.php?topic=389625>

### Question 239

Which of the following is a major component of the CPR (Computer-based Patient Record)?

- A) Support for links to local or remote information resources
- B) Results reporting including unstructured data reports
- C) Integration of all pertinent patient information into one record
- D) Legal record created in hospitals and ambulatory environments

Answer: <https://biology-forums.com/index.php?topic=389550>

### Question 240

From a health information technology perspective, healthcare research has faced some impediments. Which of these has impeded healthcare research? Select all that apply.

- A) Limited funding
- B) Confidentiality of PHI (Private Health Information)
- C) Rapid adoption of data exchange standards
- D) Failure to attain a birth-to-death EHR (Electronic Health Record)
- E) Slow adoption of uniform languages

Answer: <https://biology-forums.com/index.php?topic=389696>

### Question 241

List four specific examples of ongoing systems technical maintenance.

Answer: <https://biology-forums.com/index.php?topic=389479>

### Question 242

Web-based instruction (WBI) uses the attributes and resources of the Internet to deliver and support education. Which of the following ways may effectively be used to teach healthcare content via WBI? Select all that apply.

- A) Teleconferencing mode
- B) Wiki mode
- C) Supplement traditional, face-to-face courses
- D) Stand-alone course
- E) Connectivity with hospital information systems

Answer: <https://biology-forums.com/index.php?topic=389652>

### Question 243

Which of the following will have the greatest impact on data integrity?

- A) A number of printed media clinical records are discarded in the regular trash dumpster.
- B) The computer system goes down but is completely restored within one minute.
- C) A nurse collects data related to allergies but fails to document all reported allergies.



D) A clinic manager uses secondary storage for storing clinical records offline.

Answer: <https://biology-forums.com/index.php?topic=389382>

### Question 244

Once the go-live date of the system has been established, the production environment is in effect. Which planning is most necessary at this time?

- A) The implementation of the system will begin in the Emergency Department and will move to other units when they signal that they are ready.
- B) A Web site is constructed so employees may answer questionnaires relating to system satisfaction and ask questions as needed.
- C) A newly released software upgrade will be performed so the new system provides users with the latest technology.
- D) A 24/7 support schedule is initiated to answer questions when necessary.
- E) Information back loading is scheduled the day that the system is to go live.

Answer: <https://biology-forums.com/index.php?topic=389469>

### Question 245

Which of these strategies would be appropriate for identifying a potential candidate for implementation project leader? Select all that may apply.

- A) Delay the selection of a leader until after the committee members are selected and then, with the help of the members, select one of the members as leader.
- B) Select the consultant that has been assigned to the project from the beginning as the leader.
- C) Select the chief information officer because of the position of authority and knowledge of the organization's information needs.
- D) Restrict the selection to someone that is a member of the steering committee because of their understanding of the vision, goals, and expectations for the system.
- E) Since this will be a complex implementation, focus on the candidate's technical skills and less on communication and leadership skills.

Answer: <https://biology-forums.com/index.php?topic=389475>

### Question 246

Which example best supports initiatives to decrease medication errors in the clinical setting?

- A) The bar codes of the nurse, client's identification bracelet, and prescription medication are scanned and compared.
- B) The client's Medication Administration Record is compared to the client's identification bracelet before the medication is given.
- C) Electronic Medical Administration Records are generated daily and compared to the clients' physician orders.
- D) The client's Medication Administration Record bar code is compared to the clients' prescription medications.

Answer: <https://biology-forums.com/index.php?topic=389406>

### Question 247

Match the following terms:

- I. Mission A. Provide healthcare.
- II. Scope B. Increase patient base in rural population by 10 percentage each year.
- III. Goal C. Increase market share by attracting a larger percentage of clients
- IV. Objective D. Provide healing for the body, mind, and spirit.
- V. Strategy E. Target new populations within rural and outlying communities with new healthcare programs.

Answer: <https://biology-forums.com/index.php?topic=389437>

### Question 248

When is it more appropriate to use online storage as compared to offline storage?

- A) Safety of backup materials is a must.
- B) Old client records should be kept more safely.
- C) Long-term data storage is required for old records.
- D) Immediate access to data may be needed.

Answer: <https://biology-forums.com/index.php?topic=389368>

### Question 249

How should healthcare student training most efficiently be handled by an institution?

- A) Practical or vocational nursing students are placed in the user class with LPNs or LVNs to access information and document client care.
- B) Students must be trained to provide appropriate clinical information to an assigned staff nurse, who will document client care in the system.
- C) Each nursing student receives the same amount of training as the staff nurse on the unit.
- D) Students assess and document client care and medication administration by giving their information to the clinical instructor to input into the system.



Answer: <https://biology-forums.com/index.php?topic=389488>

### Question 250

Healthcare consumers must always fully disclose all information to all RHIO participants but must also be informed as to who will be able to access their information. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389583>

### Question 251

Which statement concerning "thin client technology" is correct?

- A) A thin client consists of a display with keyboard and requires its own storage device.
- B) System processing occurs on both the server and on the local PC.
- C) When implemented, older PCs formerly used in networking must be replaced.
- D) Software exists on the server, so upgrades are done in one step for all clients.

Answer: <https://biology-forums.com/index.php?topic=389344>

### Question 252

Successful RHIOs (Regional Health Information Organizations) need to deliver decision support to help process huge volumes of information. Which of the following would be an example of such decision support?

- A) Prescribe treatment for a client's toxicological exposure
- B) Give the medical diagnosis for a client's condition
- C) Provide analysis on the most cost-effective antibiotic for a client
- D) Give the nursing diagnosis for a client's condition

Answer: <https://biology-forums.com/index.php?topic=389570>

### Question 253

The 24-hour-a-day, 7-days-a-week operations of healthcare providers make continuity of services essential. What is the first line of defense in providing the continuous systems availability that is required in a healthcare setting?

- A) Software redundancy
- B) Installing anti-virus software
- C) Adequate firewall protection
- D) Hardware redundancy

Answer: <https://biology-forums.com/index.php?topic=389618>

### Question 254

Which is an example of data cleansing or scrubbing?

- A) Data are used to identify standardized treatments for specific diseases.
- B) When the name of the admitting physician is blank, the primary physician is used by default.
- C) Users may sort and compare data to determine relationships.
- D) Abbreviations are compared using software to ensure standard language is used.

Answer: <https://biology-forums.com/index.php?topic=389366>

### Question 255

The MPI (Master Patient Index) is a database that lists all identifiers assigned to one client in all the information systems used within an enterprise. It assigns a global identification number for each client and allows clients to be identified by demographic information provided at the point of care. When the MPI cannot match a client's record based on demographic data, what is provided to the user?

- A) All possible matches so that the user may view and select.
- B) The data dictionary resources.
- C) The Social Security number.
- D) Noncitizen information so that the user may find a different identifier.

Answer: <https://biology-forums.com/index.php?topic=389528>

### Question 256

In continuity planning, which of the following is a component of the business impact assessment (BIA)?

- A) Assess continuity plan for weaknesses
- B) Determine critical functions of the organization

- C) Establish continuity maintenance policies and procedures
- D) Secure top management support

Answer: <https://biology-forums.com/index.php?topic=389616>

### Question 257

Which example best fits the description of a local area network (LAN)?

- A) Office computers are connected through the use of the Internet.
- B) Client computers are interconnected with multiple servers.
- C) One server communicates with multiple PCs and printers.
- D) Internet technology is used to communicate with hospital suppliers.

Answer: <https://biology-forums.com/index.php?topic=389348>

### Question 258

An ethnographer selects Ethnograph, a software program to analyze data obtained from client interviews. Which is a potential disadvantage of using software for qualitative research?

- A) Research may be molded to fit the software program.
- B) The researcher must input data separately for the best analysis.
- C) Data must be sorted manually into subsets for future analysis.
- D) There is less available time for data analysis.

Answer: <https://biology-forums.com/index.php?topic=389687>

### Question 259

Which of these support the automation of nursing documentation? Select all that apply.

- A) The use of nursing diagnoses such as "Alteration of comfort" as defined by the North American Nursing Diagnosis Association (NANDA).
- B) The use of interventions such as "turn, cough, and deep breathe" as determined by the Nursing Interventions Classifications (NIC).
- C) The use of client-specific charting by exception, addressing only exceptions to normal.
- D) The use of Standardized Nursing Languages (SNLs) accepted by the American Nurses Association.
- E) The use of a SOAP note in narrative form to support assessment of client cardiopulmonary system.

Answer: <https://biology-forums.com/index.php?topic=389409>

### Question 260

When considering strategic planning for information systems and planning for the overall organization which of the following are true? Select all that apply.

- A) The IS strategic plan must support and enable the organization's goals.
- B) The IS strategic plan must be revised much more frequently than the organization's strategic plan.
- C) The CIO selects a project manager for each major project within the overall strategic plan.
- D) The CIO prioritizes and merges the requirements from each department to develop a master strategic plan.
- E) The CIO is ultimately responsible for IS strategic planning.

Answer: <https://biology-forums.com/index.php?topic=389445>

### Question 261

A physician wishes to send a very large file to a consulting physician, including a patient's chart and diagnostic images with reports. Which is the most appropriate method of sending the data?

- A) Remove all graphics from the file, send the file via email, and fax the diagnostic images.
- B) Utilize a File Transfer Protocol (FTP) program to upload the information to the physician.
- C) Attach the file to an email and send it, ensuring encryption is utilized.
- D) Connect to the physician's computer via dialup and transfer the information.

Answer: <https://biology-forums.com/index.php?topic=389390>

### Question 262

HIMSS (Healthcare Information and Management Systems Society) has defined and described the term electronic Personal Health Record ("ePHR"). Which of the following are included in the HIMSS definition and description? Select all that apply.

- A) Universally accessible
- B) Usually considered a legal record
- C) Owned and managed by the individual (or legal proxy)
- D) Lifelong tool for managing relevant health information
- E) Common data set of electronic health information

Answer: <https://biology-forums.com/index.php?topic=389554>

### Question 263

Once the decision has been made as to which vendor's system to purchase, the enterprise's legal and purchasing representatives carry out the actual contract negotiations. Briefly describe the process of these negotiations, including at least one demand that can be made on the vendor.

Answer: <https://biology-forums.com/index.php?topic=389463>

### Question 264

"RHIO" is now used with greater frequency but is not universally accepted; some may simply use the term HIE (Health Information Exchange). True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389585>

### Question 265

The Community Health Information Network (CHIN) concept of the 1990s was similar to that of a RHIO but failed to achieve widespread acceptance. Which of these were key factors that doomed CHINs?

- A) Inability to share information across systems
- B) A lack of clear, agreed-on objectives
- C) Focus on safety and quality
- D) Powerful, affordable technology

Answer: <https://biology-forums.com/index.php?topic=389580>

### Question 266

HIE is an essential step toward the EHR. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389586>

### Question 267

Unlike other health records the PHR is patient-centered, presenting a more-balanced view of an individual's health history. The portability of information helps consumers to manage their own health. One aspect of this management includes benchmarking, or the ability to compare one's own health status against other individuals with the same conditions or age group. There are four basic benchmarking electronic format models. Match these benchmarking models with their correct descriptions.

Match the following terms:

- I. Often provides educational materials, allows consumers to make appointments, request refills and communicate directly with provider via secure messaging
- II. Uses claims-based clinical and financial information to populate fields. Often contains alerts, educational content, health risk assessments, messaging and other benefits
- III. Secure sites that capture information from different sources and formats pre-populating fields; sites are accessible to authorized providers
- IV. Requires consumer to complete all fields; partly for this reason, these sites are not especially popular

Answer: <https://biology-forums.com/index.php?topic=389556>

### Question 268

Disclosure of information for nonclinical and/or reimbursement issues requires \_\_\_\_\_ to release personal health information (PHI).

Answer: <https://biology-forums.com/index.php?topic=389594>

### Question 269

Match the following terms:

- I. Decision is made to implement a one-vendor solution.
- II. Needs assessment is performed.

III. The features of each vendor's system environments are evaluated. D. Definition of goals and scope  
IV. Replacing the hospital's mainframe E. Implementation legacy system is considered. F. Selection of a course of action  
V. Weighted scores are used to compare G. Evaluation and feedback competing vendor's systems.  
VI. A timeline is identified.  
VII. Benchmarking is used to measure cost for open heart surgery and length of stay.

Answer: <https://biology-forums.com/index.php?topic=389444>

### Question 270

Match the following terms:

- I. Adoption of these systems has been slow, yet their integration is imperative for the improvement of quality of care and business survival matches. D. Nursing Information Systems  
II. These systems comprise the most commonly used type of technology in physician offices. Systems E. Physician Practice Management  
III. Adoption of these systems makes use of monitoring technology which, when integrated into information systems, provides a way to care for the target population.  
IV. These systems provide assistance to organizations to better manage their resources and improve efficiency.  
V. The goals of this system are that it should support the way that users function, and allow flexibility and improved access to information and tools.

Answer: <https://biology-forums.com/index.php?topic=389417>

### Question 271

Research best supports the use of which ergonomic device?

- A) Ergonomic mouse to reduce wrist and hand pain.
- B) Support brace used while typing to prevent carpal tunnel syndrome.
- C) Wrist rests to support the wrists while inputting data and typing.
- D) Lumbar back support to maintain natural curves of the back.

Answer: <https://biology-forums.com/index.php?topic=389352>

### Question 272

Which statement best describes the role of the Chief Privacy Officer (CPO)?

- A) Duties include assigning and monitoring system access identification codes and passwords.
- B) Duties include strategic planning, information security, and overall management of the information system.
- C) Duties include design, maintenance, and security of materials placed on the Internet, intranet, and extranet.
- D) Duties include protection of the personal health information of patients, both electronic and paper.

Answer: <https://biology-forums.com/index.php?topic=389356>

### Question 273

Which of the following is a result of the shift toward evidence-based practice in healthcare?

- A) Data mining has reduced the need for special analysis and statistics.
- B) Dependence on information derived from examining patterns and relationships in data has increased.
- C) Quality of clinical data collected is not as important as the quantity of the data because AI can extract needed information.
- D) The need for primary data storage has increased while the need for secondary data storage has decreased.

Answer: <https://biology-forums.com/index.php?topic=389374>

### Question 274

Recommendations for password selection and use are provided in your textbook. Based on these recommendations, which one of the following passwords provides the most information and system security?

- A) p#5N24p7#hN5
- B) p#3J24q7?hN5
- C) StJohns3821
- D) p#3J24q7
- E) Brokerage2008

Answer: <https://biology-forums.com/index.php?topic=389510>

### Question 275

Information systems interact to provide checks and alerts throughout the medication ordering and administration process. List three steps in this process in which bar codes are utilized for medication ordering and administration.

Answer: <https://biology-forums.com/index.php?topic=389425>

### Question 276

Passage of the Health Insurance Portability and Accountability Act (HIPAA) provided legal protection for Personal Health Information (PHI). This legislation called for the establishment of which of the following?

- A) An electronic patient records system
- B) Restrictions on the disclosure of health information
- C) Procedures for individuals to examine their records
- D) Health insurance for individuals

Answer: <https://biology-forums.com/index.php?topic=389605>

### Question 277

The management of a busy tertiary acute-care institution is weighing the decision to outsource information-management services. Which of the following factors is critical to that decision?

- A) Management can control the implementation of system updates, maintenance, and system downtimes.
- B) The agency will provide customization of services to fulfill the acute-care institution's needs.
- C) Access to resource personnel available for assistance will be improved when technical problems arise.
- D) Data security will be enhanced because the agency specializes in information technology.

Answer: <https://biology-forums.com/index.php?topic=389428>

### Question 278

Many workstations house clinical information systems and provide Internet access in the acute care setting. Which type of software program is most likely to be used by the healthcare staff providing direct patient care?

- A) A virus checker to increase security for Internet connections.
- B) A programming language such as Visual Basic to enter data.
- C) An programming language such as Java to access the Internet.
- D) A programming language such as COBOL to create databases.

Answer: <https://biology-forums.com/index.php?topic=389353>

### Question 279

You are the Informatics Nurse Specialist at a medium-sized healthcare facility. The CIO (Chief Information Officer) has directed you to prepare a 20-minute computer-based presentation for the physicians on the benefits of the Electronic Medical Record (EMR). The purpose is to gain their support for EMR implementation. You decide to prioritize speaking points so that your presentation fits into the time allotted. You plan to rehearse your presentation and delete some points if it runs too long. Determine which of the following speaking points are "must say" or "could say". ("Could say" points may be deleted if necessary.) Match the following terms accordingly:

- I. Healthcare providers can easily access previous encounters. A. Must say
- II. Facilitates critical and clinical pathways. B. Could say
- III. Chart access is faster.
- IV. Trends and clinical graphics are available on demand.
- V. Liabilities can be reduced through better documentation.
- VI. Prompts are provided to ensure administration and documentation of medications and treatments.

Answer: <https://biology-forums.com/index.php?topic=389545>

### Question 280

Many healthcare agencies lack the infrastructure to accommodate and support information systems (IS) during an environmental disaster. Which of these can threaten IS during an environmental disaster?

- A) A 10-day supply of fuel to power generators

- B) Housing IS in areas above the first floor
- C) Underground power lines
- D) Presence of excessive heat

Answer: <https://biology-forums.com/index.php?topic=389623>

### Question 281

Briefly describe the relationship among data mining, knowledge discovery, and evidence-based practice.

Answer: <https://biology-forums.com/index.php?topic=389383>

### Question 282

Which strategy might cause problems during implementation of a new information system?

- A) An open system is set up such that software upgrades can be implemented quickly and easily.
- B) Once the committee has given information to the vendor regarding system needs, a small addition is requested.
- C) The vendor is asked to fully customize the information system for a specialty organization.
- D) The committee verifies that the vendor provides annual maintenance with an additional contract.

Answer: <https://biology-forums.com/index.php?topic=389470>

### Question 283

There are five basic steps for identifying training needs. The steps are performed in an ordered sequence of one through five. Match the appropriate step to the desired ordered sequence number:

1. User classes are defined as the personnel who perform similar functions.
2. End users are identified and grouped by job class responsibilities.
3. Training needs of each job class are determined according to what functions each person will perform.
4. User classes refine the types of training classes needed for implementation.
5. Before implementation the new information system is defined in terms of functions such as enter order, generate report, etc.

Answer: <https://biology-forums.com/index.php?topic=389497>

### Question 284

The driving forces supporting HIE (Health Information Exchange) include a combination of governmental and private initiatives. Which of the following are included in these driving forces? Select all that apply.

- A) Robert Wood Johnson Foundation
- B) National Committee on Vital and Health Statistics
- C) Medicare Modernization Act of 2003
- D) HHS report on The Decade of Health Information Technology
- E) Agency for Healthcare Research and Quality

Answer: <https://biology-forums.com/index.php?topic=389577>

### Question 285

For HIE (Health Information Exchange), which of the following is essential for patient safety?

- A) The patient identifier
- B) The technology infrastructure
- C) Consent management
- D) Funding

Answer: <https://biology-forums.com/index.php?topic=389576>

### Question 286

Telehealth is rarely used for teleradiology. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389684>

### Question 287

Which type of storage document is most accurate and improves access to records?

- A) Films of old records converted from old client paper records.
- B) Document imaging and scanning of old client paper records.
- C) Original paper records from old client charts.
- D) Immediate entry of data into automated systems.



Answer: <https://biology-forums.com/index.php?topic=389372>

### Question 288

A neurology unit and an orthopedic unit will be combined into one unit. In which group would decisions best be made?

- A) Former clients are invited to sit with the board of directors and the medical director.
- B) The head nurses of each unit meet with the vice-president of nursing and house supervisor.
- C) Admitting physicians and surgeons meet with the board of Directors and upper-level management team members.
- D) Staff nurses and management from each unit meet with admitting physicians and upper-level management team members.

Answer: <https://biology-forums.com/index.php?topic=389434>

### Question 289

The Joint Commission suggests that organizations conduct at least \_\_\_\_\_ emergency drill(s) per year.

- A) one
- B) two
- C) three
- D) four

Answer: <https://biology-forums.com/index.php?topic=389621>

### Question 290

Current or future trends in home healthcare include which of these? Select all that apply.

- A) E-house calls
- B) Helper robots
- C) Sensors to detect when a frail elderly client falls down
- D) Biometric measurements monitored at another site
- E) Smart homes

Answer: <https://biology-forums.com/index.php?topic=389677>

### Question 291

A nurse is advising a client on how to evaluate online healthcare resources. List three criteria for determining the quality of online healthcare information.

Answer: <https://biology-forums.com/index.php?topic=389401>

### Question 292

Clear policies and procedures on the use of information must be established and communicated for personnel. List two specific examples of ethical policies that should be adopted for personnel involved in handling information. (A sample ethical computing statement is provided in your textbook.)

Answer: <https://biology-forums.com/index.php?topic=389523>

### Question 293

In which instance is using the technique of data mining most appropriate?

- A) To find the appropriate treatment for a client with advanced lung cancer.
- B) To assist in the determination of the correct dose of medication to give a client in congestive heart failure.
- C) To identify an appropriate diagnosis for a client with undetermined signs and symptoms.
- D) To document quality improvement when problems are identified and targeted on a medical-surgical unit.

Answer: <https://biology-forums.com/index.php?topic=389365>

### Question 294

Which of the following is not associated with information literacy?

- A) Understanding ethical issues surrounding the use of information
- B) Recognizing when information is needed.
- C) Ability to find, evaluate, and effectively use information.
- D) Familiarity with the use of personal computers and software.

Answer: <https://biology-forums.com/index.php?topic=389339>

### Question 295

Match the following terms:

- I. Point-to-point interface A. Creates and manages interfaces, providing
- II. Interface engine seamless integration of aggregate data.



- III. Data dictionary B. Directly connects two information systems.  
IV. Master Patient Index (MPI) C. Defines terminology to ensure consistent  
V. Clinical data repository understanding and use across an enterprise.  
VI. Mapping D. Terms defined in one system are associated with  
comparable terms in another system.  
E. Database where collective data from all  
information systems are stored and managed.  
F. Database that lists all identifiers assigned to a  
client.

Answer: <https://biology-forums.com/index.php?topic=389526>

### Question 296

"Information" is defined as which of the following?

- A) A collection of numbers, characters, or facts that are needed for analysis and possible action.  
B) The management and processing of facts.  
C) Data that have been interpreted.  
D) A synthesis of data derived from several sources to produce a single concept or idea.

Answer: <https://biology-forums.com/index.php?topic=389342>

### Question 297

The training of students often takes the same amount of time and resources as employee training. Which of the following are the most appropriate uses of the computer system for a nursing student assigned to a cardiac unit? Select all that apply.

- A) Document health assessment findings.  
B) View test results.  
C) Order lab tests.  
D) Document client care.  
E) Document medication administration.

Answer: <https://biology-forums.com/index.php?topic=389489>

### Question 298

Which of these statements is true about the benefits of the EHR (Electronic Health Record)?

- A) Little scientific evidence now exists on what benefits are actually delivered.  
B) It improves the quality of healthcare.  
C) The EHR fosters continuity of healthcare.  
D) Healthcare executives have developed strong organizational structures around the EHR.

Answer: <https://biology-forums.com/index.php?topic=389553>

### Question 299

The expediting of diagnostic test reporting is an advantage of continuity planning. True or false?

- A) True  
B) False

Answer: <https://biology-forums.com/index.php?topic=389632>

### Question 300

Which of the following authorized the development of a national, near real-time information network to coordinate federal and state response to public health emergencies?

- A) Federal Information Privacy and Security Act  
B) Health Insurance Portability and Accountability Act  
C) Sarbanes-Oxley Act  
D) Pandemic and All-Hazards Preparedness Act

Answer: <https://biology-forums.com/index.php?topic=389627>

### Question 301

To be effective users of a new wireless system, the staff must be trained. Which shows the most effective use of training for a new computer system?

- A) Training is scheduled during the normal workday.  
B) Training is provided with actual live software.  
C) Actual client data are stored in the training system.  
D) A training environment is set up off site.

Answer: <https://biology-forums.com/index.php?topic=389467>

### Question 302

In which instance is using a wireless device an advantage for healthcare provider staff?

- A) An increase in security is needed to prevent physician orders from being intercepted on the Intranet.
- B) A larger screen is needed to track data, such as medication administration times with vital signs.
- C) Error reduction is needed to input data, such as vital signs from a client's isolation room.
- D) More memory is needed to input data for glucose monitoring and insulin coverage.

Answer: <https://biology-forums.com/index.php?topic=389349>

### Question 303

Briefly describe consumer health informatics and name one general trend that has been discovered related to consumer behavior.

Answer: <https://biology-forums.com/index.php?topic=389398>

### Question 304

Which statement best fits a Request For Proposal (RFP) for a wireless system?

- A) The vendor sends literature about its wireless system to several institutions to increase their business.
- B) The steering committee sends a formal document to several vendors to request a proposal about their wireless system.
- C) The search committee sends email requests to several vendors stating the needs of the institution for a new wireless system.
- D) A formal document is sent by a vendor who heard an institution is upgrading its monitoring system.

Answer: <https://biology-forums.com/index.php?topic=389451>

### Question 305

Match the following RHIO (Regional Health Information Organization) models with their definitions:

- I. Multiple independent enterprises in a region, allowing access to information that they maintain
  - II. Combination of federation and co-op networks to allow exchange within and across organizations
  - III. Multiple enterprises sharing technology, a common data repository and administrative overhead to create a central utility
  - IV. Comprises multiple, unrelated stakeholders.
  - V. All stakeholders either owned by, or affiliated with, a single corporate entity
- A. Co-op  
B. Proprietary  
C. Community-based  
D. Federation  
E. Hybrid

Answer: <https://biology-forums.com/index.php?topic=389566>

### Question 306

A certified nursing assistant (CNA) at a local nursing home logs on to the facility's clinical information system. The CNA can only see information about the clients that were assigned by the registered nurse for that day. The CNA can not see financial data regarding any of the assigned clients. This situation is an example of which of these?

- A) User authentication
- B) Password protection
- C) Computer forensics
- D) Access levels

Answer: <https://biology-forums.com/index.php?topic=389517>

### Question 307

Which action indicates the nurse is functioning as a knowledge worker?

- A) The nurse auscultates diminished breath sounds in a postoperative client the morning after abdominal surgery and encourages the client to turn, cough, and deep breathe every hour instead of every two hours.
- B) The nurse obtains the client's vital signs of BP-120/82, P-112, and R-32, totals up the intake of 1,040 ml and the output of 1,100 ml, and records these data in the electronic medical record.
- C) The nurse auscultates hypoactive bowel sounds while doing a client assessment eight hours postoperatively after abdominal surgery and documents the assessment in the electronic medical record.
- D) The nurse administers four units of regular insulin to the client whose blood glucose is 240 at 11:30 AM per physician's sliding scale orders and documents it on the electronic medical administration record.

Answer: <https://biology-forums.com/index.php?topic=389330>

### Question 308

Which of the following is recommended when considering World Wide Web Home Page content and design?

- A) To improve readability always use dark backgrounds with light colored text.
- B) Include as much information on the introductory page as possible so the user will not need to link to other pages.
- C) Do not place a copyright notice on the introductory page; the U.S Copyright office does not register Web pages.
- D) Do not include a counter; visitors do not need to know how many people visited a site.

Answer: <https://biology-forums.com/index.php?topic=389396>

### Question 309

E-mail is an efficient means of disseminating information quickly and inexpensively. However, HIPAA regulations affect e-mail use and routing infrastructures. When may potentially sensitive information be sent via e-mail?

- A) Organization's e-mail system has appropriate firewalls.
- B) Client's consent was obtained to send information via e-mail.
- C) Recipient is known to the sender.
- D) E-mail is sent encrypted.

Answer: <https://biology-forums.com/index.php?topic=389512>

### Question 310

For which type of research is Knowledge Discovery in Databases (KDD) least appropriate?

- A) To determine the most significant risk factors for congestive heart failure.
- B) To cross-link risk factors for diabetes type 2 and cardiovascular disease.
- C) To test the hypothesis that polycystic kidney disease is best treated with antihypertensive.
- D) To identify the efficacy of a treatment for children with the rare and fatal Batten disease.

Answer: <https://biology-forums.com/index.php?topic=389690>

### Question 311

Which of these is an example of a system check?

- A) When a duplicate entry is entered into the system, that entry is immediately deleted.
- B) Software in the system automatically corrects misspelled words and abbreviations.
- C) The nurse asks clients to verify their names when prompted by the computer system.
- D) After turning on the bedside computer, the system performs a self-check before data will input.

Answer: <https://biology-forums.com/index.php?topic=389370>

### Question 312

Which instance is most helpful during system training?

- A) Users are trained closely before the system goes live and are encouraged to ask questions.
- B) Training sessions are scheduled for the 4-6 week period prior to going live so all users can feel comfortable with the system.
- C) Training software is provided for staff to practice inputting fictitious client information.
- D) Designated trainers are selected to provide classes to train employees for system use.

Answer: <https://biology-forums.com/index.php?topic=389471>

### Question 313

WBI (Web-based instruction) makes use of the hypertext capabilities of the Web. Which principle would best guide faculty who are teaching a Web-based course?

- A) Assign group projects for students to encourage interaction and discussion among students
- B) Use the latest version of software to encourage efficient and timely student response
- C) Make detailed, lengthy documents for students to download and peruse at their leisure
- D) On the class Web site, load multimedia presentations that utilize plug-ins to enhance instruction

Answer: <https://biology-forums.com/index.php?topic=389639>

### Question 314

The nurse wishes to compile information on congestive heart failure by tomorrow morning. When a comprehensive search is necessary and there is a limited time frame, which search tool is preferred?

- A) A search index such as AltaVista.
- B) A search engine such as Google.
- C) A search engine unifier such as Dogpile.

D) A search engine such as Lycos.

Answer: <https://biology-forums.com/index.php?topic=389384>

### Question 315

What should be the end result of implementation of a new wireless information system in a 712-bed acute care facility?

- A) Staff can utilize the new technology effectively.
- B) Retention of staff is enhanced.
- C) Client care outcomes are improved.
- D) Client satisfaction with care is enhanced.

Answer: <https://biology-forums.com/index.php?topic=389473>

### Question 316

A project manager is assigned to each major project within the overall strategic plan. List three specific practices the project manager can engage in that will raise the likelihood of success.

Answer: <https://biology-forums.com/index.php?topic=389438>

### Question 317

Constant changes in healthcare and healthcare delivery create challenges for clinicians to keep abreast of the latest EBP (Evidence Based Practice) findings and recommendations. What can healthcare professionals do in order to narrow the time in getting research from the "bench" to the client's "bedside"? Select all that apply.

- A) Enroll in a doctoral program.
- B) Foster healthcare informatics skills.
- C) Locate nursing research Web links.
- D) Use available toolkits to locate existing guidelines and develop evidence-based practice guidelines.
- E) Join a focused online discussion group to help identify specific areas for EBP or original research.

Answer: <https://biology-forums.com/index.php?topic=389698>

### Question 318

Which statement is true concerning healthcare professional continuing education taken over the Internet?

- A) Feedback may be delayed while data are collected for the continuing education certificate.
- B) Personnel may attend continuing education programs at any time convenient for the participant.
- C) Where continuing education is mandatory, utilizing the Internet causes documentation concerns.
- D) Instruction is very generalized to meet the needs of specific targeted populations.

Answer: <https://biology-forums.com/index.php?topic=389646>

### Question 319

A hospital plans to share data with all physician offices that utilize their facilities. Which of the following approaches would best meet the need?

- A) Intranet
- B) Web portal
- C) Extranet
- D) Internet

Answer: <https://biology-forums.com/index.php?topic=389405>

### Question 320

The Internet has been promoted as the ideal platform for healthcare applications. What do you think? Briefly state your opinion and support it by describing advantages and disadvantages of the Internet as such a platform.

Answer: <https://biology-forums.com/index.php?topic=389393>

### Question 321

Post-disaster recovery expenses usually exceed anticipated costs, leading to changes in recovery strategies that can be used for future disasters. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389634>

### Question 322

While most hospitals have some level of automation, few have attained a fully electronic environment. HIMSS (Healthcare Information and

Management Systems Society) Analytics created an EMR Adoption Model that identifies eight levels of EMR capabilities. Your hospital has been designated as a Stage 3 facility. Which of the following is accurate about an organization at Stage 3 level?

- A) CPOE (Computerized Provider Order Entry) and better EBP clinical decision support is available.
- B) Major ancillary clinical systems are all installed (laboratory, pharmacy and radiology systems).
- C) Basic clinical documentation is required.
- D) Some clinical automation exists.

Answer: <https://biology-forums.com/index.php?topic=389546>

### Question 323

Java is a widely used programming language that enables the display of moving text, animation, and musical excerpts on Web pages. Which of the following are true about Java? Select all that apply.

- A) Considered an alternative to Microsoft's ActiveX.
- B) Resides on the server until it is needed by client computer.
- C) Reduces the need to purchase, install, and maintain on-site software.
- D) Runs on any Java-enabled browser.
- E) Helper programs and plug-in programs are often written in Java.

Answer: <https://biology-forums.com/index.php?topic=389404>

### Question 324

List ten types of information and services available to RHIO participants.

Answer: <https://biology-forums.com/index.php?topic=389582>

### Question 325

A continuity plan is a critical aspect of an organization's risk management strategy and is instrumental to its survival in the aftermath of a disaster. Tolerance for IT downtime is rapidly declining; a recent survey set the figure at \_\_\_\_\_ or less.

- A) five hours
- B) ten hours
- C) eighteen hours
- D) twenty-four hours

Answer: <https://biology-forums.com/index.php?topic=389630>

### Question 326

Formal opportunities for using computers to support nursing education include which one of these?

- A) Podcasts
- B) Continuing nursing education
- C) Instant messaging
- D) Blogs

Answer: <https://biology-forums.com/index.php?topic=389654>

### Question 327

Which is the best example of "feature creep"?

- A) The system is totally customized for an individual organization to reflect the current workflow.
- B) When an additional feature must be added to the system, the implementation committee approves the change after investigating its cost.
- C) Staff nurses expect the new system will cut their workload relating to documentation in half.
- D) The Emergency Department and Intensive Care Unit supervisors meet and come up with a list of new features to be added to the system.

Answer: <https://biology-forums.com/index.php?topic=389472>

### Question 328

The American Nurses Association (ANA) cautions that telehealth shows great promise as long as it is used to augment, not replace, existing services. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389681>

### Question 329

The U.S. Agency for Healthcare Research and Quality (AHRQ) plays an important role in ensuring the quality of healthcare. There is a growing recognition that information systems can and must be used to ensure quality. Electronic documentation will accomplish which of the following? Select

all that apply.

- A) Decreased demands on healthcare providers
- B) Unchanged regulatory compliance
- C) Improved client safety
- D) Improved data capture and system prompts
- E) Improved quality of care

Answer: <https://biology-forums.com/index.php?topic=389610>

### Question 330

The steering committee must consider much information in order to arrive at the best system. Which statement(s) would be considered as favorable during the evaluation of systems for purchase consideration? Select all that apply.

- A) Response time for all online transactions is 5 seconds or more.
- B) Open system architecture is utilized for system protocols.
- C) Connectivity between the application and inputting clinical information, such as vital signs, can be achieved through customization.
- D) Minimal downtime is required nightly for complete system checks and backup.
- E) A separate training environment is used, where new users can utilize the live system for training whenever it is needed.

Answer: <https://biology-forums.com/index.php?topic=389447>

### Question 331

Clinical researchers have experienced barriers due to HIPAA. These researchers need to be aware of HIPAA's Privacy Rule because it establishes the conditions under which covered entities can use or disclose PHI. Which of the following statements about HIPAA covered entities is accurate?

- A) Researchers are not covered entities unless they are also healthcare providers or employed by a covered entity or engage in any of the electronic transactions covered under HIPAA.
- B) When difficulties arise with small sample size, covered entities are not allowed to disclose PHI to researchers to aid in study recruitment.
- C) Covered entities do not include providers that transmit health information electronically for HIPAA transactions, health plans, and clearinghouses unless they are certified via a national examination.
- D) Researchers are always considered to be covered entities for transactions covered under HIPAA so long as they are conducting a valid study.

Answer: <https://biology-forums.com/index.php?topic=389704>

### Question 332

One major barrier to telehealth was removed with the passage of the Telecommunications Act of 1996. Which of the following was the outcome of removing this major barrier?

- A) Telecommunications carriers were required to provide cost-free Internet access to those in rural areas.
- B) Vendors of cable and telephone services were allowed to compete in each others' markets.
- C) The act created the Agriculture Department's information Rural Development network.
- D) Telecommunications carriers must offer services to urban health providers at rates higher than those charged in rural areas.

Answer: <https://biology-forums.com/index.php?topic=389674>

### Question 333

Match the following terms:

- I. Categorizes nursing interventions based on A. NOC clinical judgment. B. ICD-9/ICD-10
- II. Allows measuring of client outcomes at any C. CPT-4 point on the continuum of care. D. NIC
- III. Classification system for nursing diagnosis. E. SNOMED
- IV. Classification system for surgical, diagnostic F. NANDA and therapeutic procedures and use for hospital billing and payer reimbursement.
- V. Lists of medical services performed by physicians and used for physician billing and payer reimbursement.
- VI. Classification system that includes signs and symptoms of disease, diagnoses and procedures.

Answer: <https://biology-forums.com/index.php?topic=389534>

### Question 334

An outpatient center is planning to implement wireless technology to enhance their computer system. The project planning committee plans to conduct a needs assessment. Which of the following sources would be most valuable?

- A) Health Insurance Portability and Accountability Act (HIPAA) regulations.



- B) Interviews with administrators and representative employees from all of the outpatient services.
- C) Interviews with the director and unit managers of outpatient services and the chief executive officer.
- D) Guidelines provided by The Joint Commission.

Answer: <https://biology-forums.com/index.php?topic=389431>

### Question 335

Which situation best fits the use of a "telehealth" delivery system?

- A) Clients may sign up with a telehealth provider, who provides the client with health promotion information and activities.
- B) A physician consultant receives an X-ray, CT scan, and EKG via the telecommunication network to manage the care of a client with congestive heart failure and diabetes.
- C) Continuing education courses for healthcare professionals are provided to the education department of acute care institutions for continuing education credits.
- D) Chronic congestive heart failure clients are assessed in rural clinics using telecommunication technology, and are given instructions on how to best manage their care.

Answer: <https://biology-forums.com/index.php?topic=389664>

### Question 336

Match the term to the appropriate operating system.

- I. Intensive graphics applications are needed. A. Linux
- II. Diverse commercially available programs are needed. B. Windows
- III. Large commercial mainframe computer is needed to crunch numbers. C. Mac OS
- IV. Lesser known option for PCs is needed. D. UNIX

Answer: <https://biology-forums.com/index.php?topic=389345>

### Question 337

South Carolina passes a privacy law that is more stringent than HIPAA. Which law takes precedent?

- A) South Carolina because it is more stringent
- B) HIPAA because it was passed first
- C) South Carolina because of states' rights
- D) HIPAA because it is a federal law

Answer: <https://biology-forums.com/index.php?topic=389590>

### Question 338

The nurse refers the client to a Web site on smoking cessation after evaluating its contents. Which factor increases the probability that the Web site is appropriate for the client?

- A) The site is written in technical language and has comprehensive chemical diagrams for credibility.
- B) The site has a list of broadly generalized indications for smoking cessation.
- C) The site has a current revision date and a URAC accreditation seal that the site meets quality standards.
- D) The site is sponsored by a pharmaceutical company that manufactures a smoking cessation medication.

Answer: <https://biology-forums.com/index.php?topic=389385>

### Question 339

Among these, which indicate that an organization has identified and is managing human factors in the work environment? Select all that apply.

- A) Administrators meet with unit supervisors and not staff for fear of intimidating them during the critical implementation phase.
- B) A series of noon meetings (lunch provided) called "LunchBytes" are offered for demonstrations and discussion sessions.
- C) Classroom question and answer periods are regularly kept to a strict limit of 5 minutes.
- D) Tent cards with name and unit of trainees are placed in the classroom at each meeting.
- E) An article announcing the implementation of the new system and recognizing the staff, appears in the local paper.

Answer: <https://biology-forums.com/index.php?topic=389498>

### Question 340

Distance education allows faculty and students connectivity to telecommunications via sophisticated phone systems. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389660>



### Question 341

Match the following terms:

- I. The initial contact with vendors. A. Request For Information
- II. Focuses upon pricing, service levels and contract terms. B. Request For Proposal
- III. Used to solicit responses from many vendors that describe their capabilities to meet the "wants" and "needs." C. Request For Quote
- IV. Used to narrow the number of competitors under consideration.
- V. Used to eliminate vendors that cannot meet the basic requirements.

Answer: <https://biology-forums.com/index.php?topic=389464>

### Question 342

Which of these measures are recommended for enhancing information security? Select all that apply.

- A) Individuals routinely witness and record the destruction of records.
- B) File deletion software is used to overwrite hard disk files, using meaningless information.
- C) Storage media that has been erased is disposed of in the dumpster.
- D) Papers such as prescriptions, laboratory specimen labels, identification bracelets are disposed of in the dumpster.
- E) Each page of output is assigned a serial number and the numbers are recorded when documents are destroyed.
- F) Dormant e-mail accounts are destroyed.

Answer: <https://biology-forums.com/index.php?topic=389521>

### Question 343

Which of these is the best example of a monitoring system?

- A) A temperature probe is connected to the pulmonary artery catheter to continuously monitor core temperature.
- B) The automatic blood pressure machine takes one reading of 164/104 and is turned off.
- C) Blood glucose readings of 162 for 7:30 AM and 198 for 11:30 AM are obtained and entered into the computer system.
- D) Manual blood pressure of 132/82 is entered into the vital sign section of the graphic sheet.

Answer: <https://biology-forums.com/index.php?topic=389407>

### Question 344

For over forty years, the U.S. government played a major role in the development and promotion of telehealth through various agencies. Which of these was the first telehealth service provided?

- A) Prison inmate care
- B) Robotics telesurgery
- C) Telepsychiatric treatment
- D) Telephone consultations

Answer: <https://biology-forums.com/index.php?topic=389678>

### Question 345

Standardized languages provide a mechanism to ensure common meanings to terms, facilitate data collection, and aid research. Which of the following languages includes all nursing specialties and demonstrates the ability to encompass other standardized nursing languages?

- A) ICNP®
- B) NANDA
- C) NOC
- D) NIC

Answer: <https://biology-forums.com/index.php?topic=389705>

### Question 346

Specialized facilities have unique needs with implications for automated documentation systems. All of these needs are covered by The Joint Commission accreditation. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389601>

### Question 347

The MPI (Master Patient Index) saves work because vital information can be obtained from the database rather than rekeyed with each client visit.

This decreases the possibility of making a mistake and eliminates the inadvertent creation of duplicate records. Which of the following are key features of an effective MPI? Select all that apply.

- A) It facilitates the evaluation of client care.
- B) It is easily reconfigured to accommodate network changes.
- C) It is flexible enough to allow inclusion of additional identification.
- D) It locates records in real time for timely retrieval of information.
- E) It can grow to fit an organization of any size.

Answer: <https://biology-forums.com/index.php?topic=389529>

### Question 348

List one method used to collect information in order to determine information system requirements and provide an example.

Answer: <https://biology-forums.com/index.php?topic=389457>

### Question 349

The role of the nurse in the system integration efforts should include which of the following? Select all that apply.

- A) Identifying and defining data elements.
- B) Promoting the development and maintenance of archetypes.
- C) Determining measures to assure the quality of data.
- D) Creating communications standards for system interfaces.
- E) Involvement in the formation and maintenance of the electronic health record.
- F) Ensuring that data will be collected in only one system and shared as needed among others.

Answer: <https://biology-forums.com/index.php?topic=389535>

### Question 350

Which of the following describes Home Care Information Systems?

- A) Supports the way that users function, and allows flexibility and improved access to information and tools.
- B) Provides assistance to organizations to better manage their resources and improve efficiency.
- C) Uses monitoring technology which, when integrated into information systems, provides a way to care for the target population.
- D) Requires integration for the improvement of quality of care and business survival.

Answer: <https://biology-forums.com/index.php?topic=389424>

### Question 351

What is the one byte binary code representation for the Arabic number "8"?

- A) 1000
- B) 00001000
- C) 11111111
- D) 2222

Answer: <https://biology-forums.com/index.php?topic=389357>

### Question 352

Which of the following entities are impacted by HIPAA? Select all that apply.

- A) Red Cross volunteers
- B) Housekeepers at a multi-specialty healthcare clinic
- C) Utilization review staff
- D) Medical doctors
- E) Healthcare information systems vendors

Answer: <https://biology-forums.com/index.php?topic=389591>

### Question 353

Which of these is an example of a goal for strategic planning?

- A) Enhance the organization's Web site image within six months.
- B) Clinical decision-making in the Emergency Department will be supported by additional funds for personnel training during the fall.
- C) The scope of home care services will be maintained with the same budget for the next fiscal year, during which an audit will be conducted.
- D) Expand services to include e-health capability for consumers.

Answer: <https://biology-forums.com/index.php?topic=389429>

### Question 354

Healthcare information plans to add superusers to their staff. Which person is most appropriate?

- A) An informatics nurse specialist with a master's degree and informatics certification.
- B) A newly hired charge nurse who has practiced for ten years in an intensive care unit.
- C) A clinical nurse specialist for three departments, employed at the institution for six years.
- D) An experienced staff nurse who has been employed at the institution for three years.

Answer: <https://biology-forums.com/index.php?topic=389347>

### Question 355

A Virtual Learning Environment (VLE) is a system that uses the Internet to assist faculty in developing, managing, and administering educational materials for students. Which type of continuing nursing education content is least suited for a VLE alone?

- A) A program reviewing assessment of heart and lung sounds
- B) A program reviewing drug calculations and dosages for medication administration
- C) A program reviewing documentation for an electronic medical record
- D) A refresher program on various types of injection administration skills

Answer: <https://biology-forums.com/index.php?topic=389641>

### Question 356

Which statement regarding data collection via the Internet is accurate?

- A) Data collection is automated, allowing the data to be exported to other programs more easily.
- B) Ethical issues are minimized because complete privacy of client response is assured.
- C) Emails cannot be used because there may be errors in interpretation and transcription.
- D) Selection bias is eliminated because the Internet allows participation from all over the world.

Answer: <https://biology-forums.com/index.php?topic=389689>

### Question 357

Match the appropriate role to the desired activity:

- I. Clinical Information Analyst A. represents needs of users during system design and implementation.
- II. Help desk B. serves as a local resource person.
- III. Clinical liaison C. responsible for the successful automation of information management.
- IV. Superuser D. responsible for educating clinical users.
- V. Trainer E. first line of user support within an organization.

Answer: <https://biology-forums.com/index.php?topic=389355>

### Question 358

The hospital healthcare library plans to switch some journals from paper format to online subscription. Physicians, nurses, and other healthcare professionals would be able to access online articles from anywhere by using a valid ID. Which of these is a disadvantage for totally online publications?

- A) Libraries must pay higher fees to acquire and store the materials.
- B) Those persons without online access may not be able to access the materials.
- C) Drawings and photographs are difficult to reproduce in electronic format.
- D) Current information may require more time to be approved for posting.

Answer: <https://biology-forums.com/index.php?topic=389386>

### Question 359

The clinical data repository provides data definition consistency through which of these?

- A) Interface engine
- B) Mapping
- C) Point-to-point interface
- D) Clinical data warehouse

Answer: <https://biology-forums.com/index.php?topic=389541>

### Question 360

Why do most breaches of confidentiality occur?

- A) System hacking
- B) Carelessness
- C) Intent
- D) Malicious behavior

Answer: <https://biology-forums.com/index.php?topic=389516>

### Question 361

Which statement best fits a Request For Information (RFI) on a wireless cardiovascular monitoring system?

- A) A brief document is sent to several CV monitoring vendors outlining plans for expansion to a wireless cardiovascular monitoring system.
- B) An Internet search is conducted to find likely wireless CV monitoring system vendors.
- C) A formal request is sent to one CV monitoring vendor following an initial contact at a trade show.
- D) A representative of the wireless CV monitoring system search committee attends a trade show to appraise possible vendors.

Answer: <https://biology-forums.com/index.php?topic=389450>

### Question 362

List three specific factors to consider when selecting a trainer and provide rationale for each.

Answer: <https://biology-forums.com/index.php?topic=389503>

### Question 363

Give one example of how mobile and wireless technology is being used in Clinician Information Systems (CISs).

Answer: <https://biology-forums.com/index.php?topic=389421>

### Question 364

EMR (Electronic Medical Record) result reporting and data repository components include unstructured data. Which of the following are examples of unstructured data? Select all that apply.

- A) Automated laboratory results
- B) Magnetic resonance imaging
- C) A social services text report
- D) Consultation findings
- E) History and physical

Answer: <https://biology-forums.com/index.php?topic=389563>

### Question 365

Which of these is the most flexible and reliable secondary storage device?

- A) CD-ROM drive.
- B) Magnetic tape drive.
- C) DVD drive.
- D) Zip drive.

Answer: <https://biology-forums.com/index.php?topic=389350>

### Question 366

Match the following terms:

- I. The right to choose the conditions and extent A. Information privacy to which information and beliefs are shared. B. System penetration
- II. The protection of information against threats to C. Physical security its integrity, inadvertent disclosure, or availability. D. Information security
- III. Unauthorized entry into an information system. E. Application security
- IV. Security measures that include location, doors, locks, and restricted areas.
- V. Protection of programs and the data they store or create.

Answer: <https://biology-forums.com/index.php?topic=389507>

### Question 367

A trainer uses the following learning plan: An email push is used for the announcement, a Webinar (Web-based seminar) is used for an overview session, simulations are used for self-paced learning, instant messaging is used for query resolution, a Web meeting is used for demonstration, simulation is used for practice, email is used for feedback, another Webinar is used for a closing session, and a Web-based test is used for evaluation. Identify which training strategy was used for the learning plan.

- A) Blended learning.
- B) Flexible learning.
- C) Mixed learning.
- D) Hybrid learning.

Answer: <https://biology-forums.com/index.php?topic=389500>

### Question 368

Name one thing that is being done at the national level to prevent medication errors.

Answer: <https://biology-forums.com/index.php?topic=389423>

### Question 369

Communication during the maintenance phase of the system's life cycle is crucial. Which of the following is most beneficial to the organization during the maintenance phase?

- A) Users are given a Web site on the company's Intranet where they may send and receive information relating to the system.
- B) A help desk provides 24/7 telephone user support for employees.
- C) A newsletter for users is posted daily in accessible sites for new information.
- D) A list of frequently asked questions (FAQs) is posted to the company Intranet.

Answer: <https://biology-forums.com/index.php?topic=389466>

### Question 370

List three benefits of electronic prescriptions.

Answer: <https://biology-forums.com/index.php?topic=389422>

### Question 371

Nursing informatics uses information and computer technology to support all aspects of nursing practice, including research. Which is an example of supporting research?

- A) Familiarity with spreadsheets and statistics software and analysis.
- B) Housing collected client data within automated record systems.
- C) Development of a standardized nursing language.
- D) Identifying evidence of best clinical nursing practices.

Answer: <https://biology-forums.com/index.php?topic=389338>

### Question 372

Briefly discuss how the mission statement is used to determine the organization's information needs.

Answer: <https://biology-forums.com/index.php?topic=389459>

### Question 373

For many years the EMR applied to a single encounter with no ability, or very limited ability, to carry information from one visit to another within a care delivery system. That situation has changed; it is now possible to bring information forward from prior visits within the organization or delivery system. List three basic components of the EMR system.

Answer: <https://biology-forums.com/index.php?topic=389549>

### Question 374

Which statement by the nurse verifies that the nurse is "information literate"?

- A) "I use email over the Internet to correspond with clients and provide information."
- B) "I understand how to search for a Web site and evaluate its usefulness for healthcare needs."
- C) "I utilize databases in the healthcare setting to input client information such as skin condition."
- D) "I can use software applications such as word processing, spreadsheets, and presentations."

Answer: <https://biology-forums.com/index.php?topic=389324>

### Question 375

One step in the integration process is the development of a uniform definition of terms, or language. The American Nurses Association sponsors the Congress of Nursing Practice Steering Committee on Databases. Which of these is a primary goal of this steering committee?

- A) Identify client care problems that nurses treat independently.
- B) Categorize interventions that nurses carry out.
- C) Measure client outcome position.
- D) Develop a mapping system to link various classification schemes.

Answer: <https://biology-forums.com/index.php?topic=389536>

### Question 376

RHIOs are the building blocks of the proposed Community Health Information Network (CHIN). True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389584>

### Question 377

Which of the following occurrences may not qualify as a disaster?

- A) A hospital is without electrical power for 48 hours due to a hurricane and flooding.
- B) The Health Department scheduled computer downtime is set for four hours today.
- C) The rheumatology department of a multi-specialty clinic is without analog telephone access for two hours (computer network connections remain intact).
- D) A virus infects a walk-in clinic's electronic medical record (EMR) system and randomly deletes data on Friday afternoon. The IT staff is on vacation.

Answer: <https://biology-forums.com/index.php?topic=389613>

### Question 378

HIPAA requires that healthcare providers use electronic signatures. True or false?

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=389592>

### Question 379

Data integrity may be affected by how the data are stored. Which of these storage methods is the most reliable?

- A) Redundant Array of Disks (RAID).
- B) Optical media and disks.
- C) Magnetic tape or cartridges.
- D) Portable hard drive with removable disk.

Answer: <https://biology-forums.com/index.php?topic=389369>

### Question 380

Which of these is the best example of benchmarking?

- A) The length of stay in a 712-bed acute-care facility with a 12-bed open-heart unit is three days, compared to a four-day length of stay at a 256-bed acute-care facility with a 6-bed general surgical unit
- B) A 6-bed coronary care unit has 0.2% incidence of infection post cardiac catheterization as compared to a 6-bed intensive care unit with a 1.5% infection rate post open-heart surgery.
- C) The cost of one day's stay in a private room in a 42-bed medical telemetry unit in a 256-bed acute care institution is equivalent to that of a 46-bed medical telemetry unit in a 248-bed acute care institution.
- D) The cost of a cardiac catheterization procedure at an acute care institution specializing in cardiovascular disorders is equal to that of a generalized acute-care institution.

Answer: <https://biology-forums.com/index.php?topic=389427>

### Question 381

Which statement is true regarding intranets?

- A) An intranet is immune to viruses and hacker attacks, because accessibility is restricted to employees.
- B) An intranet is restricted to employees and allows them to review their personal information at any time.
- C) An intranet is open to registered vendors and may be used to price and purchase healthcare products.
- D) An intranet is used to facilitate collaborative data sharing among the employees within the institution.

Answer: <https://biology-forums.com/index.php?topic=389392>