

WGU C468 Information Management and Application of Technology

System security involves protection against

- A) poor system design
 - B) noncompliant users
 - C) deliberate attacks, errors, omissions, disasters, and viruses
 - D) vendor breach of support contract
- Correct answer- C) deliberate attacks, errors, omissions, disasters, and viruses

Which of the following is a mechanism that logs a user off the system after a specified period of inactivity on the terminal or computer?

- A) automatic sign-off
 - B) remote access
 - C) automatic access
 - D) automatic password protection
- Correct answer- A) automatic sign-off

The sharing of private information in a situation in which a relationship has been established for the purpose of treatment, or delivery of services, with the understanding that this information will remain protected is _____?

- A) information privacy
 - B) privacy
 - C) confidentiality
 - D) information system security
- Correct answer- C) confidentiality

_____ is a combination of hardware and software that forms a barrier between systems, or different parts of a single system to protect those systems from unauthorized access.

- A) Antivirus software
 - B) Firewall
 - C) Physical security
 - D) Application security
- Correct answer- B) Firewall

The ability to use a health enterprise's information system from outside locations such as a physician's office is known as _____.

- A) remote access
 - B) automatic access
 - C) system connectivity
 - D) auto connectivity
- Correct answer- A) remote access

What are the driving forces behind the Health Information Exchange (HIE) movement?

- A) provider demands for cost containment
- B) international demands
- C) healthcare insurance reform
- D) federal legislation, and demands for safer, more efficient healthcare Correct answer-
- D) federal legislation, and demands for safer, more efficient healthcare

How do Health Information Exchanges (HIEs) impact healthcare delivery?

- A) HIEs have the capacity to improve the quality of care delivered by decreasing access to records
- B) HIEs have limited impact at this time
- C) HIEs increase the efficiency and potentially the quality of the healthcare delivery system
- D) HIEs have not been shown to impact the safety of care delivered Correct answer- C)
- HIEs increase the efficiency and potentially the quality of the healthcare delivery system

Information and data privacy

- A) provide protection for healthcare information only
- B) includes the right to choose the conditions and extent to which information is shared
- C) are best maintained through paper backups
- D) only applies when a HIPAA release form is signed Correct answer- B) includes the right to choose the conditions and extent to which information is shared

The Health Information Technology for Economic and Clinical Health Act (HITECH) is known for all of the following except:

- A) Including a privacy rule establishing national standards for protecting health information
- B) Funded workforce training, and new technology research and development in HIT
- C) Ensured the collection of aggregate data that could be used to improve policy decisions relative to allocation of services and population health
- D) Provided funds and incentives to increase the adoption of EHRs by providers Correct answer- A) Including a privacy rule establishing national standards for protecting health information

The SWOT analysis is conducted in what phase of information system life cycle?

- A) evaluation phase
- B) monitoring and control phase
- C) implementation phase
- D) strategic planning phase Correct answer- D) strategic planning phase

Training documents are developed and user training occurs in which phase of the project management life cycle (PMLC)?

- A) evaluation phase
- B) design/plan phase
- C) implementation phase
- D) monitoring and control phase Correct answer- C) implementation phase

Maintenance of an information system includes all of the following except _____.

- A) problem solving and debugging
 - B) training end users
 - C) performing file-backup procedures
 - D) updating security protections
- Correct answer- B) training end users

Who determines the project implementation strategy?

- A) the system analyst
 - B) the vendor
 - C) the implementation committee
 - D) the board of directors and CEO
- Correct answer- C) the implementation committee

The first task of the project implementation committee is to _____.

- A) gather data
 - B) develop a timeline
 - C) recruit key stakeholders
 - D) establish subcommittees
- Correct answer- B) develop a timeline

An advantage to using super users for system training is that _____.

- A) super users leave after the initial training is complete
 - B) super users have extensive preparation in learning theory
 - C) super users have a specialized knowledge of both the system and clinical areas
 - D) super users have in-depth knowledge of system code
- Correct answer- C) super users have a specialized knowledge of both the system and clinical areas

What is the most important factor in maintaining the proper use of an information system?

- A) revenue and resources
 - B) planning
 - C) education
 - D) implementation
- Correct answer- C) education

Training class content should address the following area(s):

- A) how class trainers were selected
 - B) basic computer literacy, workflow, policies, and human factors
 - C) computer-related positions in the facility
 - D) how to lodge complaints on the information system that was selected
- Correct answer- B) basic computer literacy, workflow, policies, and human factors

Personal Health Record (PHR) use for management of chronic conditions is felt to hold great promise for which of the following reasons?

- A) PHRs reduce physician case loads
- B) PHRs have conclusively been shown to decrease the number of face-to-face visits and phone calls

- C) PHRs may serve to heighten client disparities
- D) PHRs may help health systems achieve greater efficiency through facilitating prescription refills, communication, and improved coordination of chronic conditions as well as quality of care Correct answer- D) PHRs may help health systems achieve greater efficiency through facilitating prescription refills, communication, and improved coordination of chronic conditions as well as quality of care

Client engagement is considered to be critical to achieving healthcare reform. Fully functional PHRs support which of the following principles that engage clients in their own care?

- A) Client control, individualized care based upon client needs and values, and shared knowledge with easy flow of information
- B) Informed provider choice for out-of-network participants
- C) Provider option to participate with email access only
- D) To decrease the number of face-to-face visits and phone calls Correct answer- A) Client control, individualized care based upon client needs and values, and shared knowledge with easy flow of information

Benefits associated with PHRs include the following:

- A) Improved client satisfaction, outcomes and communication with fewer telephone calls and outpatient visits
- B) Improved payer satisfaction and data collection
- C) Reduced revenue cycle
- D) Reduced coordination of care Correct answer- A) Improved client satisfaction, outcomes and communication with fewer telephone calls and outpatient visits

What is the basic premise underlying value-based reimbursement?

- A) Physician payment is based on volume of services
- B) Client will play a less active role in this payment method
- C) Providers are rewarded financially for good results
- D) Payment is based on the value of tests and treatments to patient and organizational outcomes Correct answer- D) Payment is based on the value of tests and treatments to patient and organizational outcomes

Which of the following statements most accurately reflects what the Informatics Nurse Specialist (INS) needs to know when working with end users to purchase or design an information system relative to reimbursement of services?

- A) Can the current system, or the system under consideration, support reimbursement requirements? Compliance deadlines? Automatic capture of charges?
- B) The INS must be able to manually update the system to ensure compliance with changes in regulation and reimbursement
- C) Hardware preferences drive software selection
- D) How much do they want to spend? Correct answer- A) Can the current system, or the system under consideration, support reimbursement requirements? Compliance deadlines? Automatic capture of charges?