NURSING INFORMATICS PRELIM EXAM POINTERS:

A student is asking his instructor regarding distance learning. Which these will best describe e-learning?

ANSWER: Provide alternative learning to those who can not access traditional schooling

A nurse is having trouble in coping with distance learning but her schedule cannot fit the traditional schooling. Which of the following advices should you give to the nurse?

ANSWER: Take hybrid type of distance learning

Which of the following electronic devices aid a critical patient from breathing?

ANSWER: Ventilator Machine

The student is having problem in researching for journals and articles which will support his study. Which of the following bibliographical site should you recommend?

ANSWER: CINAHL

Which of the following can be considered as major development in Community Health Nursing in terms of information technology?

ANSWER: Telehealth

The nurse receives an order from the doctor to send him via email a compressed file of the patient's laboratory and diagnostic results. The nurse understands that to compress a file is to:

ANSWER: reduce bits by identifying and eliminating statistical redundancy

Input, output, processing, feedback, and control are all elements related to which of the following?
ANSWER: System Theory

A nurse reviews the electronic health record of a patient and identifies a drug allergy to the medication that has been prescribed. The nurse has demonstrated

ANSWER: Interpretation of data

A nurse reviews the patient's electronic health record prior to meeting the patient. The nurse is

ANSWER: Gathering information and data

A nursing professional reads a nursing journal article on a new patient care technology. This nursing professional is

ANSWER: Acquiring knowledge

When a nurse uses information from other sources to help rethink, revise, and apply knowledge to a clinical situation, this information is known as

ANSWER: Feedback

Which of the following best describes the central goal of nursing informatics?

ANSWER: To manage and communicate data, information, knowledge, and wisdom in the delivery of nursing care

A nurse is explaining how cognitive informatics helps improve information technology in health care. Which statement by the nurse is correct?

ANSWER: cognitive informatics examines how humans interact with computers so better information technology systems can be built

Considering principle of cognitive informatics when designing technology interfaces helps to mitigate

ANSWER: human mental Workload

Experts in computer science strive to understand how the mind processes:

ANSWER: data and information

New technology used in healthcare, such as smart phones and Google class, create potential ethical issues associated with

ANSWER: privacy and confidentiality

It is important to use standardized terminologies in nursing practice, because

ANSWER: If provides continuity of care between care providers and identifies trends

Paper documentation (paper record) hinders which of the following?

ANSWER: Ability to share knowledge

Which of the following can be described as appropriate use of knowledge to manage solve human problems

ANSWER: Wisdom

It is termed _____if a nurse knows that a colleague has accessed or attempted to access the record of a patient for whom the colleague is not providing care

ANSWER: a breach

The prevalence of healthcare-associated infections demonstrates how the _____ can address healthcare quality issues

ANSWER: electronic health record

Which of the following terms is defined as any physical or mental health information created, received, or stored by a "covered entity" that can be used to identify an individual patient, regardless of the form of the health information.

ANSWER: Protected health information

A strength of the FITT model is that it

ANSWER: encourages the evaluator to examine the fit between each two of the components: user and technology, task and technology, and user and task.

What is the human-technology interface?

ANSWER: Hardware and software that support humans interacting with technology

_____ is the term that denotes the ease with which people can use an interface to achieve a particular goal.

ANSWER: Usability

A hardware security tool that helps protect an organization against security breaches by issuing masks to protect the identity of a corporation's employees who are accessing the Internet is a(n)

ANSWER: proxy server.

Acceptable use policies in an organization typically restrict downloads of files by employees because

ANSWER: downloads increase vulnerabilities to viruses.

An ID badge is an example of authentication by

ANSWER: The user has

What nursing organization has recognized the terminologies that support nursing practice?

ANSWER: The American Nurses Association

Nurses in a critical care unit collaborate to standardize data that is entered into the electronic health record. Which of the following is an example of this standardized data entry?

ANSWER: Documenting patient weight in kilograms

In 2015 the American Nurses Association published the second edition of the

ANSWER: Nursing Informatics: Scope and Standards of Practice

A nurse's knowledge work includes interpreting trends in

ANSWER: (all of these are correct)
A. laboratory results
B. Symptoms
C. outcomes

A nurse is preparing to administer a medication to a patient and uses the bar-code medication administration system. The nurse understands that this bar-code medication system

ANSWER: improves patient outcomes

A nurse is explaining nursing informatics to a nursing student. Which statement by the nurse is correct?

ANSWER: "Nursing informatics integrates nursing sciences and analytical sciences."

A nurse is entering patient data into the electronic health record. These data will inform:

ANSWER: the present patient encounter

A nurse is documenting patient data in the electronic health record, which will assist in:

ANSWER: communication with other healthcare providers

A nurse is documenting patient care. To communicate with other providers about the patient, the nurse should use which of the following?

ANSWER: Standardized nursing technology

A nurse is caring for a complex patient with a multidisciplinary team. The nurse demonstrates autonomy, advanced critical thinking, and interpersonal skills. What challenge might this nurse have in working with the team?

ANSWER: Resistance to change

What refers to an external device that yields a hard copy of your documents

ANSWER: Printer

What refers to the visual display that resembles a television screen

ANSWER: Monitor

What best describes computer throughput or processing components?

ANSWER: Input devices and the computer monitor are examples of visible throughput components

What best explains the benefit of having an informatics expert in healthcare practice environment

ANSWER: Provide guidance as to what works best

Virtual communication technology may be beneficial for healthcare workers as it

ANSWER: Allows opportunities for exchange of ideas

In order to promote the exchange of information with others, computers are connected to

ANSWER: Networks

Which definition describes the information age?

ANSWER: A period of time when data, information and knowledge are accessible by more people than ever in history

The term that refers to the ability of the OS to be moved from one hardware architecture to another with few changes is

ANSWER: Portability

Which statement about the input components of computers is correct

ASNWER: All of these are correct

Computer technology has ushered in what has been called the "information age" an age when

ANSWER: Data, information and knowledge are both accessible and a blue to be manipulated by more people than ever before in history

The term that refers to the operating system (OS) incorporating hardware protection for virtual memory and software protection mechanisms for OS resources is

ANSWER: Security

What is the second most commonly used input device, manipulated by the user's hand to point a click and move objects around the computer screen?

ANSWER: Mouse

What terms refers to a prime input device resembling a typewriter?

ANSWER: Keyboard

Computer science can facilitate

ANSWER: Acquiring data and information and manipulating data and information

What is sometimes thought of as the highest form of common sense, resulting from accumulated knowledge or erudition (deep thorough learning) or enlightenment (education that results in understanding and the dissemination of knowledge)?

ANSWER: Wisdom

Knowledge transparency means

ANSWER: Using knowledge without conscious thought

Secure, timely, relevant,and objective are some characteristics that define

ANSWER: Quality of information

Information science forces on

ANSWER: effectively linking people, information, and technology

Integration of cognitive, communication, computer, library and social sciences are features of

ANSWER: Information science

Which state best reflects the definition of information

ANSWER: It is processed data that have meaning

When processing data into information, it is important that the data

ANSWER: Have integrity and quality

_____allows users to apply their intellect to accomplish their tasks while the tools housing the information disappear from conscious thought

ANSWER: Transperency

Data are dirty when there are errors such as

ANSWER: Both duplicate entries and incomplete or outdated records

What is Data

ANSWER: Raw facts

Reliable information comes from

**ANSWER: All of these are correct
reliable ro clean data, authoritative sources, credible sources**

Information that is valuable and meaningful is

**ANSWER: All of these are correct
Accessible and accurate, timely and complete, Reliable and relevant**

A healthcare worker competent in a skill or job is

ANSWER: Proficient

Knowledge may be described as a process that is

ANSWER: Continuous