Question 1

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 2

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 3

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 4

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 5

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 6

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 7

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 8

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 9

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 10

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 11

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 12

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 13

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 14

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 15

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 16

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 17

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 18

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 19

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 20

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