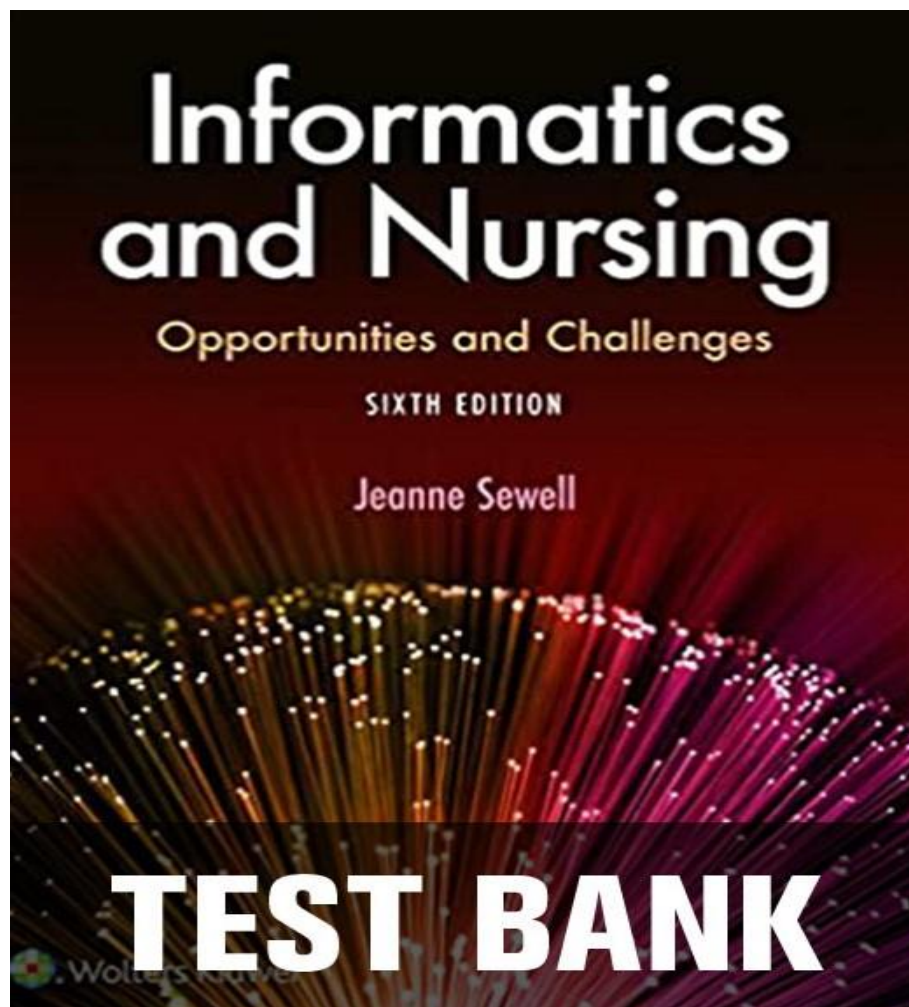


TEST BANK

**Informatics and Nursing Opportunities and
Challenges 6th Edition Sewell Test Bank**



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Chapter 1

1. After teaching a class about informatics, the instructor determines that the teaching was successful when the students define informatics as which of the following?
 - A) Use of computers
 - B) Use of information technology
 - C) Management of information
 - D) Access to the Internet

2. A strategic plan for the nationwide implementation of health information technology includes which of the following?
 - A) Discouraging the use of personal electronic health records
 - B) Developing a collaborative governance to support information use for population health
 - C) Advocating for statewide adoption of electronic health record
 - D) Limiting the use of telehealth systems

3. Which of the following would a nurse identify as the current focus of today's practice informatics?
 - A) Capturing data at the point of care
 - B) Performing secondary data analysis
 - C) Using aggregated data
 - D) Making decisions based on data

4. A nursing student is reviewing information about early computerized clinical information systems. Which of the following would the student identify as characteristic?
 - A) Implementation to perform two or three functions
 - B) Ability to share information among several departments
 - C) Creation of different software systems for different areas
 - D) Entry of data occurring only once

5. When describing the benefits of informatics to a group of agency staff, which of the following would the presenter identify as one of the primary benefits?
 - A) Increase usability of data
 - B) Promote cost-saving
 - C) Promote time-saving
 - D) Allow identification of patterns

6. After teaching a group of students about the benefits of informatics to the nursing profession, the instructor determines that the students need additional teaching when they identify which of the following as a benefit?
- A) Improvement in documentation
 - B) Use of data for quality control
 - C) Building of evidence-based knowledge
 - D) Increase in time needed for documentation
7. A nurse is presenting an in-service program on nursing informatics competencies. When describing the need for computer fluency for nursing informatics competencies, which of the following would the presenter include as characterizing this concept?
- A) Temporary state
 - B) Lifelong learning
 - C) Task oriented
 - D) Competency
8. After teaching a class for a group of nurses on nursing informatics, the instructor determines that the teaching was successful when the group identifies which of the following competencies as specific to the role of an informatics innovator?
- A) Using basic desktop software
 - B) Generating informatics theory
 - C) Making judgments about trends
 - D) Communicating via a computer
9. An informatics nurse specialist would describe information literacy as essential for which of the following?
- A) Critical thinking
 - B) Problem solving
 - C) Data evaluation
 - D) Evidence-based practice
10. When preparing for a class on healthcare informatics and information technology, the instructor would emphasize which of the following as the focus?
- A) Information
 - B) Computer
 - C) Access
 - D) Data storage

11. When describing the components needed to provide evidence-based care through informatics, which of the following would be needed? Select all that apply.
- A) Information presented in a digital format
 - B) Standards for exchange of information
 - C) Limited ability to capture relevant data
 - D) Multiple language structures for documentation
 - E) Competency of practitioners using the information
12. A nurse is reviewing an article about the strategic plan for health information technology as related to population health. Which of the following would the nurse expect to find as being supported by this goal? Select all that apply.
- A) Biomedical research
 - B) Cost-efficient patient care
 - C) Public health
 - D) Quality improvement
 - E) Emergency preparedness
13. A nurse is preparing an in-service program about forces driving toward the increased use of informatics in healthcare. Which of the following would the nurse include as a national force? Select all that apply.
- A) Creation of the President's Information Technology Advisory Committee (PITAC)
 - B) The Institute of Medicine (IOM) report on Health Professions Education
 - C) National Advisory Council on Nurse Education and Practice recommendations
 - D) National League for Nursing (NLN) position paper on nurse preparation
 - E) Technology Informatics Guiding Educational Reform (TIGER) initiative
14. A nurse working in informatics is analyzing information gathered about rates of infection of patients on a specific hospital unit. The nurse is using this information to determine appropriate interventions for overall infection control. The nurse is involved with which of the following?
- A) Point of care informatics
 - B) Secondary data analysis
 - C) Listserv
 - D) Computerized provider order entry

15. A nurse involved in informatics identifies the need for information and demonstrates ability to locate, evaluate, and effectively use it. The nurse is demonstrating which of the following?
- A) Information literacy
 - B) Computer literacy
 - C) Computer fluency
 - D) Information management

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Answer Key

1. B
2. B
3. A
4. C
5. A
6. D
7. B
8. B
9. D
10. A
11. A, B, E
12. A, C, D, E
13. A, B
14. B
15. A

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Chapter 2

1. A student is reviewing the components of a computer system that he has just purchased. Which of the following would he expect to find as the operating system?
A) Microsoft Windows®
B) Microsoft Office®
C) Corel Word Perfect Office®
D) Lotus Symphony®
2. When using a computer program, a student enters a command by pointing and clicking. The student understands that this action is the result of which of the following?
A) Disk operating system
B) Graphical user interfaces
C) Algorithm
D) Groupware
3. A student is working on a report using Microsoft Word® and wants to maximize the window. Which of the following would the student click on to accomplish this?
A) Red X at the top right corner
B) Quick launch bar of the task bar
C) Square in the upper right corner
D) Tab at the bottom of the screen
4. While using a program, a user gets a message saying that the program is not responding. The user decides to shut down the program but it does not happen. Which of the following would the user do next?
A) Continue to click on the X at the right hand corner
B) Hold down the Ctrl, Alt, and Delete keys simultaneously
C) Turn off the computer manually
D) Open the program in another window
5. A student is reviewing material in preparation for an examination on computer software and computer languages. The student demonstrates understanding of the levels of language when he identifies which of the following as an example of the highest level language?
A) Machine language
B) COBOL
C) Basic
D) Structured query language (SQL)

6. A group of students are visiting a software manufacturer. The employee is describing how they create software, developing a step-by-step set of instructions so that the computer can understand and comply, resulting in a predictable end-state. The employee is describing which of the following?
- A) Code
 - B) Flow chart
 - C) Algorithm
 - D) Language
7. A nurse has purchased proprietary software for the computer. Which of the following is essential when installing proprietary software?
- A) Checking the serial number
 - B) Registering the product
 - C) Purchasing the license to use
 - D) Calling the vendor to initiate service
8. When comparing and contrasting DOS with current operating systems, which of the following would the instructor include?
- A) DOS allows multiple programs to be used at the same time.
 - B) Transferring information between programs in DOS was tedious.
 - C) Creating nontext documents was easier than text documents.
 - D) Only a small number of point and click options were available with DOS.
9. A student is working on a project for a math class involving the collection of numerical survey data. Which of the following application programs would be most appropriate for the student to use?
- A) Word processor
 - B) Presentation program
 - C) Spreadsheet
 - D) Relational database program
10. Which of the following would be appropriate to use so that two nursing students living a distance apart can work on a project together?
- A) Shareware
 - B) Speech recognition
 - C) Cloud computing
 - D) Groupware

11. A nurse is working on the computer using a trial copy of a software program. The nurse is using which of the following?
- A) Freeware
 - B) Cloud computing
 - C) Shareware
 - D) Open source software
12. A nurse is writing a research paper for a class using Microsoft Word®. The home ribbon toolbar is open. Which of the following would the nurse find on this toolbar? Select all that apply.
- A) Typeface size
 - B) Formatting appearance
 - C) Line spacing selections
 - D) Numbering options
 - E) Thesaurus
13. As part of a class on informatics, a group of nursing students are preparing a presentation about computers for a community group. Which of the following would they include as an advantage of graphical user interfaces (GUIs)? Select all that apply.
- A) Ability to have multiple programs open at the same time
 - B) Increased ease in moving data between open programs
 - C) Enhanced use of statistical information for analysis
 - D) Decreased need to remember specific command words
 - E) Decreased length of time needed for booting up the computer
14. A colleague recently purchased a new software program and asks you several questions about the software. However, you do not know the answers and refer your colleague to which of the following?
- A) Shareware
 - B) User group
 - C) Groupware
 - D) Business Software Alliance