

1. **The nurse understands that nursing informatics as a specialty area of practiced by which statement?**

Research priorities for nursing informatics includes the development of a standard nursing language and the development of databases for clinical information

2. **Which statement by the nurse verifies that nurse is “information literate”?**

I understand how to research for a website and evaluate its usefulness for health care needs

3. **What is information?**

Data that can be interpreted. EX: Pt's temp. Grouping of data process into meaningful Structured form

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

After receiving Rocephin 1.0g IV yesterday, the client reported feeling better

5. **Which statement best distinguishes the difference between information literacy and computer Literacy?**

Information literacy forms the basis for ongoing learning whereas computer literacy refers to a familiarity with the use of personal computers

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

A nurse informatics specialist extrapolates data to develop best practice model for indwelling catheter care.

7. **What is Quality Information?**

Information that is timeless, precision, accuracy, numerically quantifiable, easily available, unbiased, clear, and reliable

8. **What is data?**

Collection of numbers, characters, or facts that are gathered for a need. EX: Pts VS. Raw unprocessed number symbols or words that have no meaning by themselves. without context data is meaningless.

9. **What is data integrity?**

Ability to collect, store, and retrieve correct, complete, and current data. So data is available to authorize users.

10. **What is necessary to determine of a website has quality information?**

Credited seal, good contact information, not selling things, creditable authors, unbiased (things discussed in class) has URAC or HON CODE

11. **Why do we study nurse informatics?**

Information is power and technology facilitates a creative process in nurses, and improves patient education, teaching, and learning.

12. **What is a common reality that occurs with nursing and technology?**

Nurses will be comfortable working with computers and advanced technology while providing care for clients

13. What are the functions of computers in nursing practice?  
Record information, provide access to other departments, manage schedules
14. What is telehealth?  
Uses technology to access, diagnosis, and treat at a distance
15. What is biometric technology?  
Using human characteristics to authenticate or grant access to data or information.
16. How do human resources use computers?  
Employee database, administration services
17. What is the definition of information technology?  
Use of hardware and software that facilitates storage, retrieval, communication, and management information
18. What is the definition of computer literacy?  
Knowledge and understanding of computers with effective use
19. How do you identify problems?  
Locate current literature and related concepts
20. What is the 3 things needed when looking for information online?  
Purpose, focus, and approach
21. Define purpose?  
Why are you doing research? Why do you need this information?
22. Define focus?  
Basic information for you, oriented for your patients, professionally orientated for your colleagues
23. Define Approach?  
Broad and general with information that can be quickly accessed
24. A disadvantage to the utilization of the electronic medical record (EMR) includes which of the following?  
The intensive training in the beginning needed to prepare staff members to use the EMR
25. Which action indicates the nurse is functioning as a knowledge worker?  
The nurse auscultates diminished breath sounds in a postoperative client the morning after ABD surgery and encourages the client to turn, cough, and deep breathe Qhour instead of Q2 hours.
26. 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 which of the following?  
Input VS and I's/O's data in the EMR
27. In which way does medical informatics overlap with nursing informatics?  
Medical and nursing informatics focus on the areas of information retrieval
28. Health care consumers have all the information and tools to make health care choices because they can easily compare quality and cost of care. Which of the following is correct?  
The statement is false because the tool has not been developed.

29. The role of informatics nurse does not include assessing the usability of devices for health care consumers. This statement is false because of which of the following statements?

The development of policy regarding usability is an important part of the informatics role.

30. Over the next few years, nursing informatics and other health informatics disciplines will crisscross, resulting in more interdisciplinary projects. This statement is true because of which of the following statements?

Nurse informatics specialists will work collaboratively with other disciplines to develop user-friendly systems

31. The best estimate of the number of informatics nurses needed over the next few years is which of the following?

6000-12,000

32. There are no available nursing informatics programs including doctoral degrees; therefore, nurses prepare for advanced practice through medical informatics curriculum. This answer is false because of which of the following reasons?

There are a number of accredited advanced nursing education programs in informatics in the United States.

33. The American Nurses Credentialing Center (ANCC) incorporated the foundation provided by the American Nurse Association (ANA) 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?

Equivalent of 2 years of full-time professional practice, Baccalaureate or higher degree in nursing ( or relevant field baccalaureate), current, active license as a professional nurse

34. Nursing informatics employs information and computer technology to support all aspects of nursing practice, including research. Which is an example of supporting research?

Development of a standardized nursing language

35. Which role is only appropriate for the informatics nurse specialist (INS)?

The design of nursing research protocols and databases

36. Which of the following examples demonstrate how nursing informatics helps to support nursing practice?

Quick access to computer archived patient data from previous encounters  
Computer-generated client documentation including DC instructions  
Computer-generated nursing care plans and critical pathways  
Prompts that appear during documentation to ensure comprehensive charting

37. Information is defined as which of the following?

Interpreted data

38. 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 answers best indicates the nurse is functioning as a knowledge worker?

The nurse shifts from primarily using critical thinking to also using critical synthesis

39. The TIGER initiative is an acronym for which of the following?

Technology Informatics Guiding Education Reform