

Midterm Study Guide

1. Principles of nursing informatics

- Nursing Science a building block of NI
- NI is a specialty that integrates nursing science, computer science, cognitive science and information science to manage and communicate data, information, knowledge, and wisdom in nursing practice.
- Nursing informatics (NI) is the specialty that integrates nursing science with multiple information and analytical sciences to identify, define, manage, and communicate data, information, knowledge and wisdom in nursing practice.

2. Knowledge is the awareness and understanding of a set of information and ways that information can be made useful to support a specific task or arrive at a decision

- Knowledge abounds with others' thoughts and information
- Knowledge model-conceptual organized framework for NI, tied to nursing science and the practice of nursing informatics
- Nursing knowledge is created, stored, acquired, used, generated, engineered, disseminate
- **Epistemology** is the study of the nature and origin of knowledge—that is, what it means to know.
- Three sources of knowledge have been identified: (1) instinct, (2) reason, and (3) intuition.

3. Wisdom is the application of knowledge to an appropriate situation.

- Guides actions
- developed through knowledge, experience, insight, and reflection
- highest form of common sense
- it is the ability to apply valuable and viable knowledge, experience, understanding, and insight while being prudent and sensible.
- focused on one's own mind
- The appropriate use of knowledge to solve human problems
- the foundation of the art of nursing.

4. Scientific underpinning