

-It is through efforts to understand the nature of knowledge in its evolution that one can conceive of build and implement informatics tools to enhance and mimic the mind's processes to facilitate decision-making and job performance

scientific underpinning - CORRECT ANSWER The foundation of nursing science through research data evidence and idea creation

The foundation of knowledge model - CORRECT ANSWER A model proposing that humans are organic information systems constantly acquiring, processing, generating, and disseminating information or knowledge in both their professional and personal lives

computer science - CORRECT ANSWER studies the theory underpinning information and computation and their implementation and computer systems

cognitive science - CORRECT ANSWER how the human mind works from an information processing perspective

information science - CORRECT ANSWER The retrieval and management of information as well as human computer interaction

two types of informatics competencies - CORRECT ANSWER

1. generalist- knowledgeable with experience
2. nurse specialist- graduate level education specialized education

information literacy - CORRECT ANSWER The ability to identify when information is needed as well as the skills to find evaluate ineffectively use the same information

health literacy - CORRECT ANSWER The degree to which individuals have the capacity to obtain, process, and understand basic health information and services needed to make appropriate health decisions

meaningful use - CORRECT ANSWER using technology and health information to increase the quality of care delivered

patient-centered information systems - CORRECT ANSWER patient centered information systems focused on collecting data and disseminating information related to direct care

four most common types of PCS systems - CORRECT ANSWER clinical documentation systems pharmacy information systems laboratory information systems radiology information systems

clinical decision support systems - CORRECT ANSWER a computer-based program designed to assist clinicians in making clinical decisions by filtering or integrating vast amounts of information and providing suggestions for clinical intervention