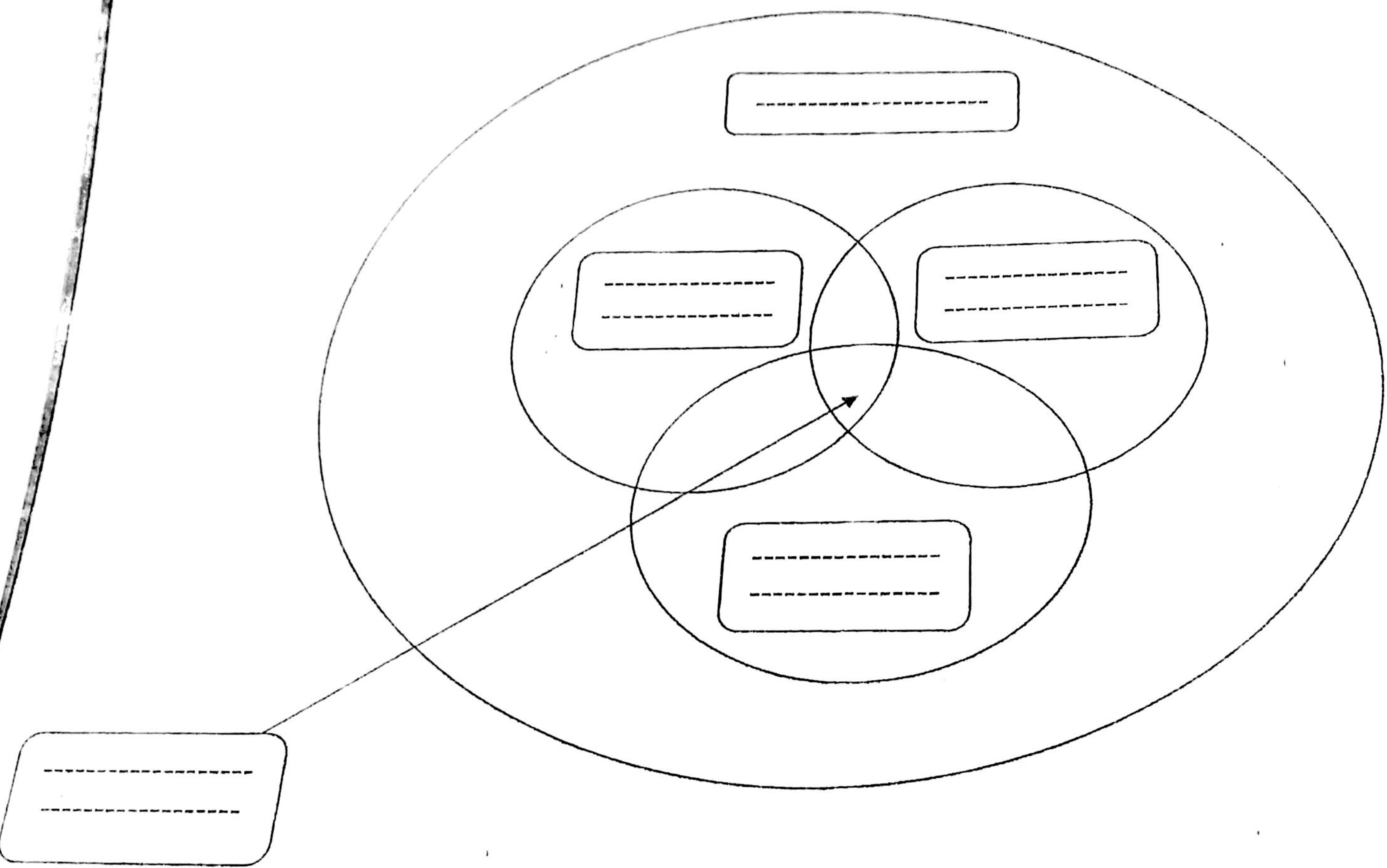


IV. Fulfillments nursing informatics and three Domains models below:

(7 Marks).

(A). Nursing informatics Model: (4 Marks)



7- Data defined as:

- A. The fact or condition of having information or of being learned.
- B. Quantitative measure of the content of information.
- C. The communication of knowledge or intelligence.
- D. None of them.

8 - Obstacles to using information data base need to:

- A. Long term care.
- B. Convenient access to literature resources.
- C. Consultation
- D. Acute care - hospital systems

9- Data was stored in:

- A. Books.
- B. Folders.
- C. Card files.
- D. All of them.

10- Patient file defined as:

- A. Computer software that manages databases.
- B. Collection of interrelated data to access the data.
- C. An integrated collection of logically related records or files.
- D. None of them.

11 - From database approach:

- A. Database Management System.
- B. Access of database.
- C. Data Entry.
- D. None of them.

12 – Common objective for Master patient indexes include:

- A. Assisting in the prevention of duplicate patient entries in a network.
- B. Cross-referencing entries from multiple data sources.
- C. Storing patient demographics, insurance, and other data.
- D. All of them.

13- The Fifth Step by step guide to using database is:

- A. Parameter Queries.
- B. Exploring query types.
- C. Getting information out.
- D. Parameter queries with custom dialogs.

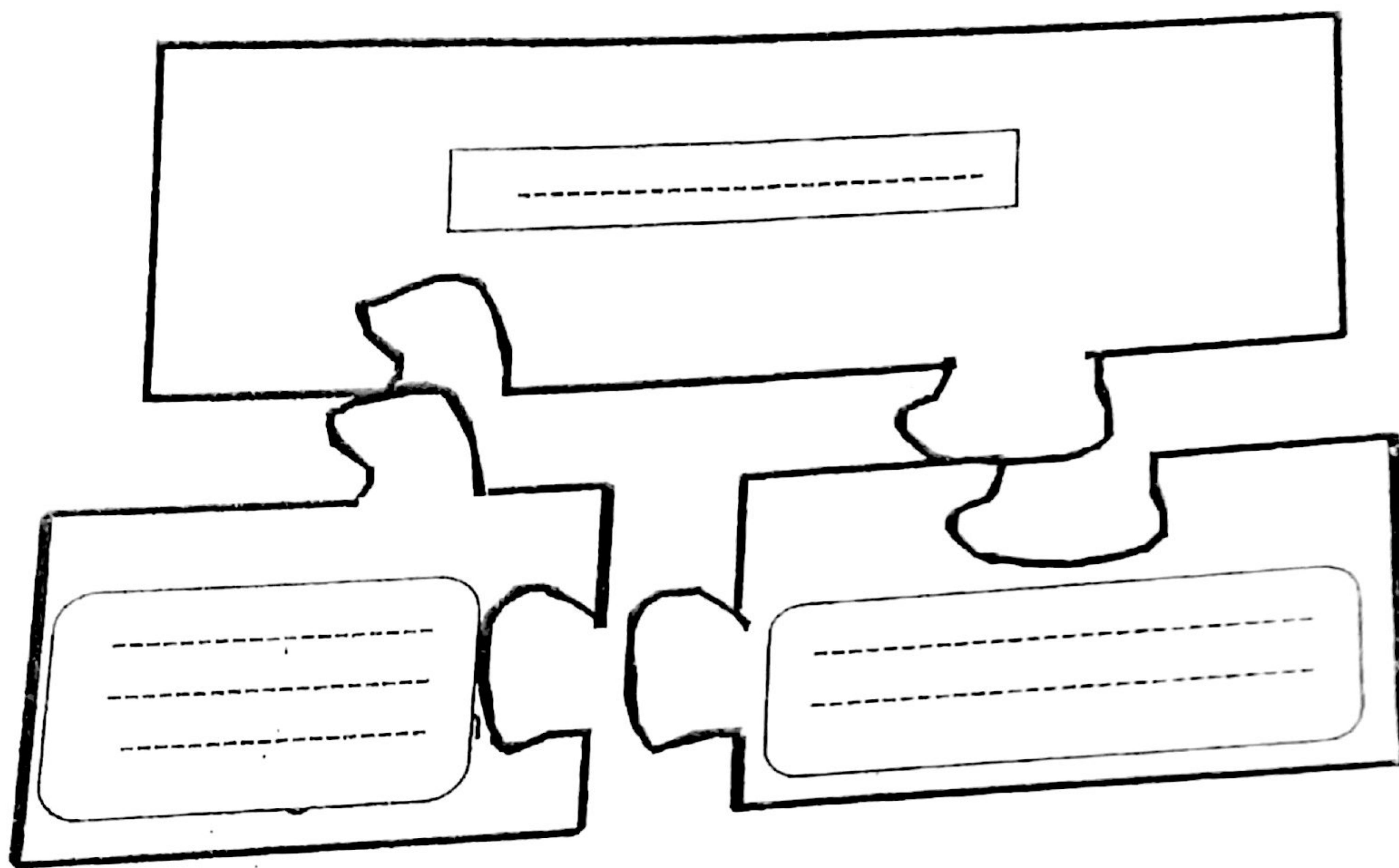
14- Areas of instruction domains of health informatics are except:

- A. Delivery of care and promotion of health
- B. Information management.
- C. Information technology.
- D. Health care organization clinical and management.

15 - Nursing and electronic patient record are:

- A. Code, Index, And Classify Care.
- B. Develop Discharge Data Summaries.
- C. None of them.
- D. Answer A and B.

(B). Three Domains Model (3 Marks).



Three Domains Needing an "Effective Fit"

Good Luck



جامعة عجلون



Nursing Informatics Final Exam

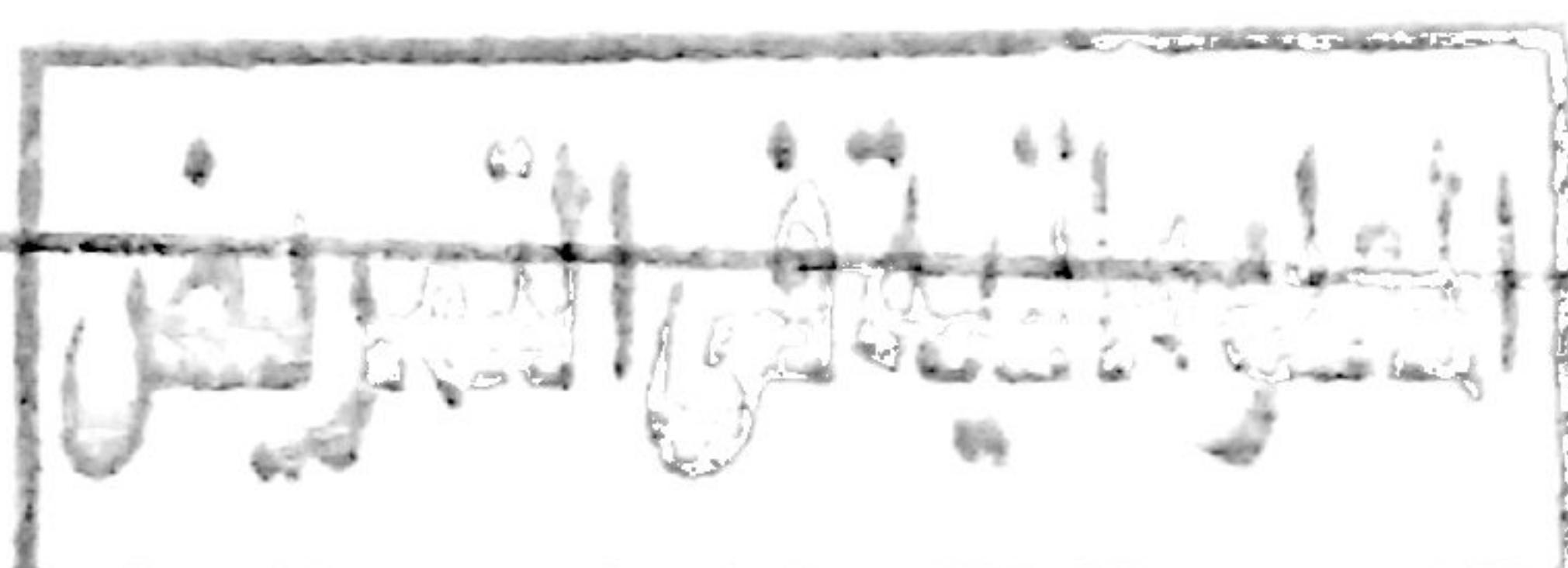
Second Year, Second Term**Date: 13 – 6 – 2012****Time allowed: 2 Hours****Total Marks: 50 Marks****الجامعة في العجلون**

- I - True & False: Read the statement carefully. Circle the (T) if answer is correct. Circle the (F) if the answer is false. (20 Marks)**

Statements	T	F
1. Informatics is field concerned with cognitive, information processing, and communication tasks of medical practice.	T	F
2. The informational technologies are an application of information technologies to optimize the information management function within an organization.	T	F
3. All three levels of competencies need to develop a working knowledge of the computer programs.	T	F
4. Current trends in nursing informatics implications for curriculum monitoring and evaluation.	T	F
5. User level technical competencies include uses word processing applications.	T	F
6. Nursing informatics focuses on gathering and processing information to create knowledge.	T	F
7. Nursing informatics and nursing science are becoming a major part of today's healthcare organization infrastructure.	T	F
8. Modifier level is technical competencies demonstrates awareness of and ability to access data and information from multiple sources.	T	F
9. Tele health has now become an integral component in the delivery of health care.	T	F
10. Nursing practice is now an integral component of the electronic health record system alongside the documentation of other health care professionals.	T	F
11. Nursing informatics focus on studying the effects of these systems on nursing practice.	T	F

**III. Match the statement in column "A" with the corresponding term
column "B" write its number in space provided. (8 Marks).**

Write Number	"A"	"B"
	Knowledge	1. A collection of related data organized in a way that facilitates data searches.
	Leadership competency	2. Is a tool that centralizes the medical records of a Patient and visually displays them in an intuitive web page like manner.
	Utility Competency Information	3. Is the transmission of information from one site another. 4. Is a fact or condition of having information or of being learned.
	Tele - communication	5. Is related to the actual psychomotor use of computers and other technological equipment.
	Database	6. Is related to the ethical and management issues relate using computers and other technological equipment within nursing practice, education, research and administration
	The patient file	7. Is communication of knowledge or intelligence something which justifies change in a construct represents physical or mental experience or and construct.
	Technical Competency	8. Is related to the process of using computers and technological equipment within nursing practice, education, research and administration.
		9. The Expectation of obligation of the user of individual's information to respect and uphold individual's privacy.
		10. The practice of nursing over distance using electronic means.



12	Data is organized in the form of records.	T	F
13	Words are often used interchangeably to describe knowledge.	T	F
14	Telenursing is the transmission of information from one site to another.	T	F
15	From five rights of information right dose.	T	F
16	Evidence-based practice leads to determines best practice.	T	F
17	Electromagnetic channels are use of technology in nursing.	T	F
18	Database management system provides the ability for many different users to share data and process resources.	T	F
19	Nurses need to develop competencies in informatics.	T	F
20	Structured query language most common language used to interface with databases.	T	F

II- Read each question carefully and circle **ONE answer: (15 Marks)**

1- The term **nursing informatics was probably first defined by:**

- A. Scholes and Barber at 1980.
- B. Scholes and Barber at 1880.
- C. Scholes and Barber at 1890.
- D. Scholes and Barber at 1990.

2- Nursing informatics begins with:

- A. The science of nursing.
- B. The science of information technology.
- C. The science of computer.
- D. All of them.



3- Informatics is an application of computer technology to:

- A. Nursing services.
- B. Nurse education.
- C. All fields of nursing.
- D. Nursing research.

4- Data is organized by except:

- A. Rows = Records.
- B. Columns = Fields.
- C. Rows and Columns.
- D. Raw Facts / Data Elements.

5- Characteristics of information include except:

- A. Accurate.
- B. Accessible.
- C. Amount.
- D. Understandable.

6- From advantage of telenursing are the following except:

- A. Knowledge base of the nurse
- B. Decrease patient visit
- C. Rapid Response time
- D. Data Sharing