NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikwe Express Way, Jabi, Abuja, FCT
Faculty of Health Sciences
Department of Nursing Sciences
2022_2 Examination Question

Programme: Bachelor of Nursing Science
Course Code: NSC508
Course Title: Fundamentals of Nursing Informatics
Credit Units: 3 Units
Time Allowed: 2 Hours
Total Score: 70 Marks
Instruction: Answer All the Questions

Question 1

(a) Define information science (2 marks)

(b) Define nursing informatics according to the American Medical Informatics Association (AMIA) (2 marks)

(c) Enumerate six important of nursing informatics (3 marks)

(d) Discuss the history of nursing informatics (8 marks)

(e) Describe Novice to Expert Theory (15mks)

Question 2

(a) Explain each of the following in relation to Nursing Informatics:

   i. Data

  ii. Information

 iii. Knowledge (3 marks each)

(b) Enumerate three categories of competencies required by nurses in the workplace regard information and technology (3 marks)

(c) outline four basic types of nursing and health data (4 marks)

(d) Discuss *OMAHA System (4 marks)*

Question 3

(a) Enumerate eight criteria for source data capture (8 marks)

(b) A "Modifier" level of competency indicates nurses who demonstrate intermediate nursing informatics competencies, and it involves three categories of competencies. Enumerate four abilities of the nurse in each of the Modifier level competencies (12 marks)