



PROGRAMME: NURSING SCIENCE

COURSE CODE: NSC508

COURSE TITLE – FUNDAMENTALS OF NURSING INFORMATICS

CREDIT UNITS: 3

TIME ALLOWED: 2 HOURS

TOTAL MARKS: 70%

INSTRUCTION: ANSWER ALL THE QUESTIONS

Question 1

- (a) Identify 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)

