



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**University Village, Plot 91, Cadastral Zone,**  
**Nnamdi Azikiwe Express Way, Jabi, Abuja**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF PUBLIC HEALTH SCIENCE**  
**SEPTEMBER 2020\_1 EXAMINATION**

**COURSE TITLE:** Health Management Information Systems (PHS301)

**UNITS:** 3 Units

**TIME ALLOWED:** 2 Hours

**Total Score:** 70 %

**INSTRUCTION:** Answer all questions

**QUESTION 1** **17 marks**

- 1a). Differentiate between health record and health management information system. **(10 marks)**  
1b). Give five (5) reasons why health management information system is more preferred than health record? **(5 marks)**  
1c). Mention two (2) unique features in the history of Health Information System. **(2 marks)**

**QUESTION 2** **18 marks**

- 2a). List and explain briefly five (5) factors that influence health in your environment. **(10 marks)**  
2b). Enumerate four (4) intervention needs required in health care development. **(8 marks)**

**QUESTION 3** **18 marks**

- 3a). Explain what management is all about. **(8marks)**  
3b). Mention ten (10) steps expected for management to achieve a health care project. **(10 marks)**

**QUESTION 4** **17 marks**

- 4a). Explain the word system. **(4 Marks)**  
4b). List seven (7) steps from production to delivery of a named vaccine used in immunization programme. **(10 Marks)**  
4c). Differentiate between an open system and a close system. **(3 Marks)**