



**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**  
**2021\_2 EXAMINATION QUESTIONS...**

**COURSE TITLE: HEALTH INFORMATION SYSTEM (PHS301)**

**COURSE UNITS: 2 Units**

**TIME ALLOWED: 1½ Hours**

**TOTAL MARKS: 70%**

**INSTRUCTION: Answer all the Questions**

- 1(a) Discuss the two desirable characteristics of instruments for measuring data
- (i) Reliability *5marks*
  - (ii) Validity. *5marks*
- (b) As the health information officers working with fresh trainees, suggest four (4) ways to improve the quality of data collected in the health unit *4 marks*
- (c) Describe three (3) types and examples of health services-based sources of data *6marks*
- (d) State four (4) challenges to Health Information Communication *2 marks*
- (e) Explain any three (3) types of Surveys *3 marks*
- (f) Explain any five (5) of the following in the context of health information and management system *5marks*
- (i) Data
  - (ii) Data collection
  - (iii) Data source
  - (iv) Data type
  - (v) Monitoring
  - (vi) Evaluation
  - (vii) Disease surveillance

***Total 30 marks***

- 2(a) Discuss any three (3) Characteristics of Quality Health Information
- (i) Relevance, *5marks*
  - (ii) Accuracy *5marks*
  - (iii) Reliability, *5marks*
  - (iv) Timeliness, *5marks*
  - (v) Complete, Clarity and Cost Effectiveness *5marks*
  - (vi) Utilization *5marks*
- (b) Highlight five (5) pre-requisites for Effective Health Communication

***Total 20 marks***

- 3(a) Discuss three approaches to Health information management systems *15 marks*
- (b) State five ways to ensure quality Health Information *5marks*

***Total 20 marks***