



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF PUBLIC HEALTH**  
**APRIL 2019 EXAMINATION**

**Programme: B.Sc. Public Health**

**Course Code: PHS421**

**Course Title: Research Methods in Public Health**

**Course Credit Units: 3 Units**

**Total Marks: 70 Marks**

**Time Allowed: 2 ½ Hours**

**Instruction: Answer All the Questions**

- 1a. List six (6) purposes of Literature review **(3 marks)**
- 1b. Discuss four (4) criteria for researchable topics in Public health **(8 marks)**
- 1c. Briefly discuss four (4) sources of problems in research **(4 marks)**
- 1b. Tabulate ten (10) differences between research and problem solving **(10 marks)**

- 2. Explain the following terms: **(2 marks each, Total=10 marks)**
  - i. Hypothesis
  - ii. A variable
  - iii. Literature Review
  - iv. Theoretical/Conceptual Framework
  - v. Research Design

- 3. Discuss fully three (3) types of Research **(15 marks)**

- 4a. Briefly discuss any **five (5)** importance of research **(10 marks)**
- 4b. Discuss the four (4) levels of measurement **(10 marks)**