



*"Investing in Africa's Future"*

FACULTY OF HEALTH SCIENCES

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2015 FIRST SEMESTER EXAMINATIONS

COURSE CODE: SPH533  
COURSE TITLE: Research Methods 1  
DATE: November-December 2015  
TIME: 3 hours

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***INSTRUCTIONS***

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Answer **ALL** Questions in **Section A** and **ANY 1** question from **Section B**

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The mark allocation for each question is indicated at the end of the question

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## **Section A**

**Answer all questions in this section**

### **Question 1**

Describe the reasons for reviewing available literature and other information during the preparation of a research protocol. (10)

### **Question 2**

- (a) Developing a research problem statement is the most important process in research. Why? (7)
- (b) Describe the importance of justification in a study (3) (10)

### **Question 3**

- (a) A Descriptive study design (2)
- (b) An experimental research design (2)
- (c) A Quasi-experimental design (2)
- (d) A Correlational Designs (2)
- (e) Mixed methods/ Triangulation (2) (10)

### **Question4**

- a) Discuss how as a researcher, you address ethical considerations before carrying out your research (6)
  - b) For a topic to be researchable, three items should be present , Discuss (4)
- (10)

### **Question 5**

- (a) For a study to qualify to be experimental, what should be the characteristics? (5)

- (b) Describe the difference between an Independent variable and a dependent variable (5)  
(10)

## **Section B**

**Answer any one question in section B**

### **Question 1**

- (a) State the relationship between measurable variables and specific objectives (5)  
(b) What is a hypothesis? (5)  
(10)

### **Question 2**

- a) Probability Sampling (5)  
b) Convenience sampling (5) (10)

### **Question 3**

- (c) What is a variable (5)  
(d) Describe the difference between an Independent variable and a dependent variable (5)  
(10)