



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR THE DIPLOMA IN COMMUNITY HEALTH AND  
DEVELOPMENT**

**2<sup>nd</sup> YEAR 1<sup>ST</sup> SEMESTER 2016/2017**

**KISUMU LEARNING CENTRE**

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**COURSE CODE: HDC 2226**

**COURSE TITLE: INTRODUCTION TO RESEARCH METHODOLOGY**

**EXAM VENUE:**

**STREAM**

**DATE:**

**EXAM SESSION:**

**TIME:**

**1.30 HOURS**

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**Instructions:**

- 1. Answer all questions in section A and any other 2 questions in Section B.**
- 2. Candidates are advised not to write on the question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**

## **SECTION A**

### **ANSWER ALL THE QUESTIONS (30 MKS)**

1. List three data collection tools (3 mks)
2. Enumerate three factors to consider to establish whether a problem is researchable or not (3 mks)
3. List three importance of literature review in research (3 mks)
4. State three characteristics of a sample (3mks).
5. State 3 advantages of simple random sampling in research (3 mks)
6. State three characteristics of a good hypothesis (3 mks)
7. State three features of a good research design (3 mks)
8. State three sources of primary data (3 mks)
9. State three sources of secondary data (3 mks)
10. State three steps involved in the preparation of data for analysis (3 mks)

## **SECTION B**

### **ANSWER ANY TWO (2) QUESTIONS FROM THIS SECTION (30MKS)**

1. State and explain five characteristics of research (15 mks)
2. Discuss the importance of ethical approval in research (15 mks)
3. a) Discuss the cross sectional study design (10mks)  
b) Compare case-control and cohort studies (5 mks)
4. Discuss the various types of variables with specific examples (15 mks)