



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

**SCHOOL OF HEALTH SCIENCES**

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

**2<sup>nd</sup> YEAR 1<sup>ST</sup> SEMESTER 2018/2019**

**KISUMU LEARNING CENTRE**

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**COURSE CODE: HCD 1126**

**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. Define the following terms as used in research methodology;
  - a) Informed consent (1 mk)
  - b) Research philosophy (1 mk)
  - c) Pilot study (1 mk)
  - d) Research questions (1 mk)
2. Differentiate between the following term;
  - a) Questionnaire and interview guide (2 mks)
  - b) Population and sample (2 mks)
  - c) Hypothesis and research questions (2 mks)
3. State three sources of literature review (3 mks)
4. State three sources of research problem (3 mks)
5. Give three characteristics of descriptive research (3 mks)
6. State three features of a researchable problem (3 mks)
7. Outline the characteristics of qualitative study (3 mks)
8. State three features of a probability sampling technique (3 mks)
9. State two ways of disseminating research findings (2 mks)

## **SECTION B**

### **ANSWER ANY TWO (2) QUESTIONS FROM THIS SECTION (40MKS)**

1.
  - a) Discuss on the primary and secondary data (10 mks)
  - b) Discuss on the importance of obtaining ethical approval in research (10 mks)
2.
  - a) Discuss on the main ingredients of a research proposal (10 mks)
  - b) Discuss on the characteristics of good research objectives (10 mks)
3. Discuss on two probability sampling and two non-probability sampling techniques (20 mks)
4.
  - a) Discuss on cross sectional and longitudinal study designs (10mks)
  - b) Discuss on the questionnaire as a data collection tool (10 mks)

