



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES

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

1ST YEAR 1ST SEMESTER 2018/2019

KISUMU CAMPUS

COURSE CODE: HCD 1126

COURSE TITLE: INTRODUCTION TO RESEARCH METHODOLOGY

EXAM VENUE: STREAM

DATE: 14/08/19

EXAM SESSION: 2.00 – 3.30PM

TIME: 1.30 HOURS

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 QUESTIONS IN THIS SECTION (30 MKS)

1. Define the following terms as used in research (4 mks),

- a) Dissemination
- b) Correlational research
- c) Opportunistic sampling
- d) Pretesting

- 2. State three principles of the Belmont report on the use of human subjects in research (3 mks)
- 3. State three distinct features of case control studies (3 mks)
- 4. State two methods of data collection used in epidemiological studies (2 mks)
- 5. Enumerate on the components of the research design (3 mks)
- 6. State three measures of central tendency in analysis of data (3 mks)
- 7. Define research objectives and state two types of objectives used in research (3mks)
- 8. State four types of variables used in research (4 mks)
- 9. State three source of research problems affecting the community (3 mks)
- 10. State two ways of presenting data in research (2 mks)

SECTION B: ANSWER ANY TWO (2) QUESTIONS IN THIS SECTION (40 MKS)

- 1) Discuss on the advantages and disadvantages of using surveys in research (20 mks)
- 2) Discuss on random sampling techniques used in research (20 mks)
- 3) Discuss on the ethical issues in collection of data using a questionnaire (20 mks)
- 4) a) Discuss on the cross sectional study design (10 mks)
b) Discuss on the requirements of good research objectives (10 mks)