



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

UNIVERSITY EXAMINATION FOR THE DIPLOMA IN COMMUNITY HEALTH
DEVELOPMENT

2ND YEAR 1ST SEMESTER 2019/2020 ACADEMIC YEAR

COURSE CODE: HDC 2211

COURSE TITLE: INTRODUCTION TO RESEARCH METHODS

EXAM VENUE:

DATE:

TIME: 1.30 HOURS

Instructions:

1. Answer question 1 (Compulsory) and ANY other 2 questions'
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 Marks)

1. Explain research and its objectives (5 marks)
2. Explain the characteristics of a good research theory (5 marks)
3. Explain the following
 - a) Applied and basic research

b) Quantitative and qualitative research (5 marks)

4. Outline the advantages and disadvantages of conducting focus groups (5 marks)

5. Explain reasons as to why research proposals fail (5 marks)

6. Explain the levels of data measurement in research (5 marks)

SECTION B; Answer any two Questions (30 Marks)

7a) Discuss the elements of a proposal (15 marks)

8 Discuss the advantages and disadvantages of the following designs used in research

- i. Case study design
- ii. Cohort design
- iii. Cross sectional design (15 marks)

9a) Discuss the sampling methods used in research (8 marks)

b) Discuss the qualitative and quantitative methods used in data an analysis (7 marks)