



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN
COMMUNITY DEVELOPMENT AND PUBLIC HEALTH
3RD YEAR 2ND SEMESTER 2018/2019 ACADEMIC YEAR
MAIN CAMPUS

COURSE CODE: SBI 3325

COURSE TITLE: RESEARCH METHODS

EXAM VENUE:

STREAM: (BSc. CD & PH)

DATE:

EXAM SESSION:

TIME:

Instructions:

- 1. Answer all the 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 marks)

1. What a dependable variable (2 marks)
2. Explain two descriptive study designs (6 marks)
3. Explain the difference between the following:-
 - a) An independent and a dependable variables
 - b) Active and passive surveillances
 - c) A purposive and simple random sampling(6 marks)
4. Explain internal validity with specific example. (4 marks)
5. What is the significance of a concept note? (4 marks)
6. What are the challenges of retrospective studies? (6 marks)
7. Why is the importance of confidence interval during data analyses (4 marks)

SECTION B: Answer any 2 Questions in this section (40 marks each)

1. You are to evaluate a problem statement drafted by a student, explain what you will consider during the evaluation. (20 marks)
2. What is a cohort study design and explain its data analysis approaches (20 marks)
3. You want to conduct a cross-sectional study, please can prepare an outline of the budget and the justifications of the budget? (20 marks)
4. You are interested in conducting a research on malnutrition in a given ward. Explain how you will build on your research idea. (20 marks)