



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

**DEC, 2018 UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN COMMUNITY HEALTH AND DEVELOPMENT/PUBLIC HEALTH
3RD YEAR 2ND SEMESTER 2018 ACADEMIC YEAR**

NAMBALE

COURSE CODE: SBI 3325

COURSE TITLE: RESEARCH METHODS

EXAM VENUE: STREAM: (BSc Comm Hlth & Dev/Public Health)

DATE: EXAM SESSION:

TIME: 2.00 HOURS

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 (30 marks)

1. Define the term research and then state four qualities of a good research (3 marks)
2. Problems in research are unresolved questions that call for an investigation. Elaborate six sources of research problem. (3 marks)
3. Highlight six qualities of a good problem statement. (3 marks)
4. Literature review entails an examination of what others have investigated and done in the field of study. Describe six benefits of reviewing literature. (5 marks)
5. Define the term sampling and then explain the advantages of using sampling in data collection. (3 marks)
6. An incorrect inference in research can result from systematic bias and sampling error. State causes of each of these sources of inaccuracy and how you can overcome them. (3 marks)
7. Define the term conceptual framework and explain its role in research. (3 marks)
8. Differentiate between empirical research and theoretical research. (3 marks)
9. Explain the difference between a concept note and a research proposal. (3 marks)
10. Explain three disadvantages of mailed questionnaires as a method of data collection.

Section B. ANSWER ANY TWO QUESTIONS (40 marks)

1. There are two major types of sampling methods used in research. In each major type, discuss three types of sampling techniques suitable for research studies giving descriptions and applications, and advantages and disadvantages of each technique. (20 marks)
2. Discuss five types of research designs that different researchers always apply in their studies citing suitability, relevance and limitation for each. (20 marks)
3. Discuss five different types of data collection methods used in research; giving descriptions, advantages and disadvantages in the use of the method, and techniques and tools used to collect data in each method. (20 marks)
4. With an example of a formulated problem, discuss in details and in sequence, the process/steps in developing research report. (20 marks)