



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

**UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE PUBLIC
HEALTH / COMMUNITY HEALTH AND DEVELOPMENT
2ND YEAR 2ND SEMESTER 2022/2023 ACADEMIC YEAR
MAIN CAMPUS**

COURSE CODE: HCB 1212

COURSE TITLE: CRITICAL THINKING AND SCIENTIFIC WRITING

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 is a claim? (2 marks)
2. What is the structure of an abstract of a descriptive paper (4 marks)
3. Explain the difference between the following:-
 - a) Prior knowledge and Posteriori knowledge
 - c) Pluralism and relativism(4 marks)
4. List what is expected of you when writing the following sections of a paper
 - a) Result
 - b) Discussion(4 marks)
5. Explain how testimony is a source of knowledge. (4 marks)
6. Explain process of translating claim into knowledge (4 marks)
7. How is persuasion useful when implementing a health policy (4 marks)
8. Explain the moral responsibility when collecting and analysing your data (2 marks)

SECTION B: Answer Questions ONE (1) and any other question (40 marks)

1. Explain FOUR steps for scientific and academic writing (20 marks)
2. Explain the construction, reconstruction and deconstruction theories. (20 arks)
4. What is Deductive and Inductive arguments? Provide specific examples with association between the predictor and the outcome (20 marks)
4. What is a conceptual framework and explain how it is useful in the construction of knowledge? (20 marks)