



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
2RD YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR
MAIN CAMPUS

COURSE CODE: SBI 3211

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 deductive argument?
(2 marks)
2. Explain how you will prepare for a prewriting of academic scientific work
(4 marks)
3. Explain the difference between the following:-
 - a) Law and theory
 - c) Pluralism and relativism
 - d) Premise and conclusion(6 marks)
4. Explain what you will consider while writing the following section of a paper
 - a) Introduction
 - b) Discussion(6 marks)
5. What is APA citation and provide an example of a citation.
(6 marks)
6. Explain three factors that limit moral responsibility in Kenya
(6 marks)

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

1. Explain the perception and testimony as sources of knowledge
(20 marks)
2. Explain the structure of the following scientific papers.
 - a) Descriptive paper
 - b) Hypothesis testing paper
 - c) Methodology paper(20 marks)
3. Discuss the characteristics of critical thinker with specific examples.
(20 marks)
4. Explain the process of construction of knowledge from a theoretical framework to a conceptual framework
(20 marks)