TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

SOCIAL SCIENCES

UNIVERSITY EXAMINATION FOR:

BACHALOR OF SCIENCE IN DEVELOPMENT STUDIES

CRITICAL THINKING

UNIT CODE: HSO: 4202 BAS/Y1S2/Y2S1 PP1

END OF SEMESTER EXAMINATION

SERIES: APRIL 2022

TIME: 2HOURS

DATE: APRIL 2022

Instructions to Candidates
You should have the following for this examination
-Answer Booklet, examination pass and student ID
This paper consists of five questions. Attemptquestion ONE (Compulsory)
and any other TWO questions.
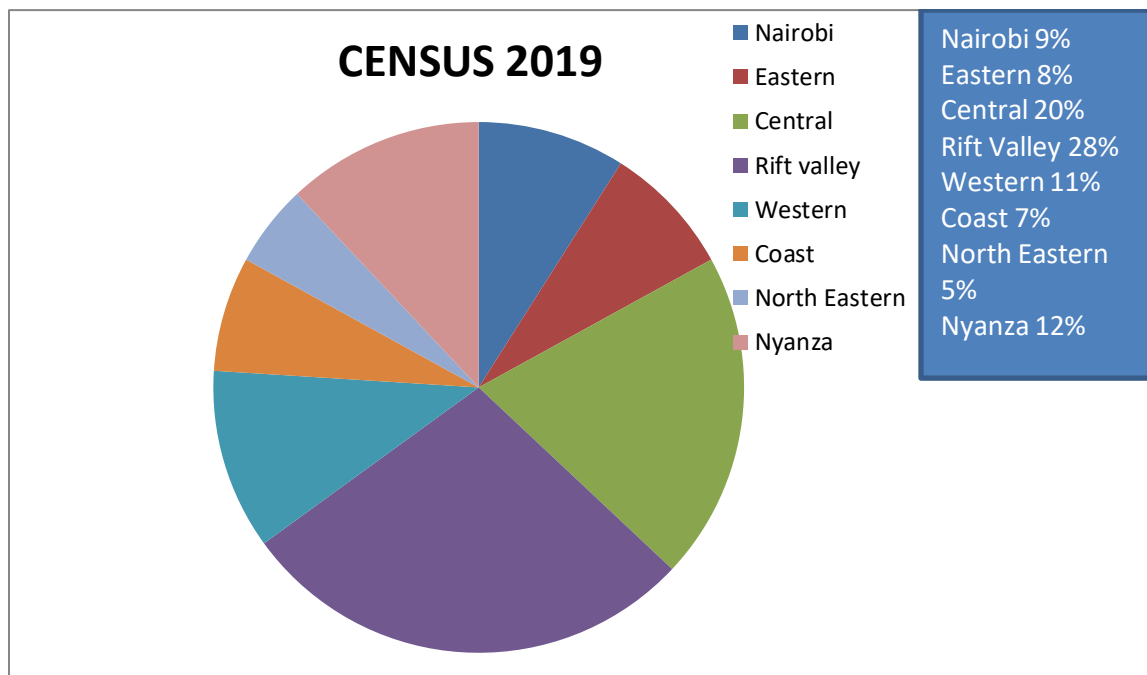**Do not write on the question paper.**

Question ONE

a) Define critical thinking(6 mks)
b) Enumerate and discuss practical examples of critical thinking (10mks)
c) Enumerate and briefly elaborate common critical thinking skills (14 mks)

Question TWO

a) Explain, the process of making ethical decisions (10 mks)

b) Discuss the process of scientific reasoning (10 mks)

Question THREE

a) Using your deductive skills, analyze the 2019 hypothetical Kenya's population census diagram below and answer the questions that follow. (10 mks)

CENSUS 2019

Legend:
- Nairobi
- Eastern
- Central
- Rift valley
- Western
- Coast
- North Eastern
- Nyanza

Nairobi 9%
Eastern 8%
Central 20%
Rift Valley 28%
Western 11%
Coast 7%
North Eastern 5%
Nyanza 12%

    i.   What is the name given to this diagram (2 mks)

   ii.   Which region has the highest population density(2 mks)

  iii.   Which region has the lowest population density (2 mks)

  iv.   Which region has the highest chances of accommodating pastoral agricultural activities (2 mks)

   v.   Give reasons for your answer in (iv) above (2 mks)

  vi.   Assuming all other factors remain the same state four regions which will give victory to a presidential candidate in the 2022 general elections if voters came out to vote in their true numbers. (8 mks)

 vii.   Indicate the region which a presidential candidate would find easier to walk in and out during political campaigns despite not being in the first four densely populated regions. (2 mks)

Question FOUR

a) As a critical thinker, explain your understanding of consistency and contradiction. Give examples where necessary (10 mks)

b) Define reasoning (5mks)

c) Discuss the nature of causal reasoning (5 mks)

Question FIVE

a) Explain with examples what is meant by quantitative and qualitative information (10 mks)

b) With examples explain what is meant fallacies (5 mks)

c) As a critical thinker, discuss how you can recognize fallacies of ambiguity (5 mks)