



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

3rd YEAR 1st SEMESTER

**SCHOOL OF PURE, APPLIED AND HEALTH
SCIENCES**

**FOR THE DEGREE OF BACHELOR OF SCIENCE
IN COMPUTER SCIENCE AND BACHELOR OF
SCIENCE IN INFORMATION SCIENCES**

COURSECODE : COM 3103/INS 3104

COURSE TITLE : RESEARCH METHODS

DATE: 1ST APRIL 2022

TIME: 2:30pm-4:30pm

INSTRUCTIONS TO CANDIDATES

- Question ONE (1) in Section "A " is Compulsory
- Answer any Two (2) Questions from Section "B"
- Illustrate your answers where necessary

SECTION "A": COMPULSORY QUESTION

Q1a). Explain the following concepts as used in Research Methods

- i) Research is cyclical process (5 marks)
- ii) The importance of Research in a society (5 marks)
- iii) Qualitative vs Quantitative Research Methods (5 marks)
- iv) Theoretical Framework (5 marks)
- v) Conceptual framework (5 marks)
- vi) Research Theories (5 marks)

Total 30 Marks

SECTION "B" ANSWER ANY TWO (2) QUESTIONS FROM THIS SECTION

Q2 a) Explain the role of a good Abstract in a Scientific Research, giving an example where necessary. (10 marks)

b) "Carrying out Literature Review and its role in Research Process is very important." Discuss. (10 marks)

Total 20 Marks

Q3 (a) Explain in details how DATA are collected, processes and administered in Research Process. (10 marks)

(b) Explain why the Research Process is cyclical. (10 marks)

Total 20 Marks

Q4 (a) Identify five (5) Research Methods and explain how they are applied as insight means to an undiscovered truth. (10 marks)

b) Discuss how "Participatory type of Research methods" is different from other research methodologies. (10 marks)

Total 20 Marks

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