



UNIVERSITY OF EMBU

2016/2017 ACADEMIC YEAR

FIRST SEMESTER EXAMINATION

**EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE IN LAND AND
WATER RESOURCE MANAGEMENT**

ACP 612: RESEARCH METHODS AND SCIENTIFIC COMMUNICATION

DATE: DECEMBER 1, 2016

TIME: 2:00-5:00PM

INSTRUCTIONS:

Answer Question ANY OTHER THREE Questions

QUESTION ONE (30 MARKS)

- a) Differentiate the following scales of measurements (6 marks)

- b) With reference to qualitative research designs, explain the following qualitative strategies (6 marks)

- c) Outline six principles considered in designing experiments (12 marks)

- d) Explain the importance of conceptual framework in proposal development (6 marks)

QUESTION TWO (10 MARKS)

Discuss the importance of literature review (10 marks)

QUESTION THREE (10 MARKS)

Discuss any five data collection techniques in a survey (10 marks)

QUESTION FOUR (10 MARKS)

a) What does **Significance of the Study** section in a proposal address? (5 marks)

b) Why is referencing important? (5 marks)

QUESTION FIVE (10 MARKS)

Discuss the general process for analysing qualitative data (10 marks)

END

