



SOUTH EASTERN KENYA UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE IN AGRICULTURAL RESOURCE MANAGEMENT

ACP612: RESEARCH METHODS AND SCIENTIFIC COMMUNICATION

DATE: 11TH DECEMBER, 2017

TIME: 9.00 -12.00 PM

INSTRUCTIONS:

- Answer **ALL** Questions in **Section A** and **ANY THREE** (3) questions in **Section B**.

SECTION A: Answer ALL Questions (30 MARKS)

QUESTION 1

Using examples distinguish between output and impact (6 marks)

QUESTION 2

Explain briefly how to use the following tools in monitoring project performance

- a) Log frame (3 marks)
- b) Budget and planning (3 marks)

QUESTION 3

Explain the key factors considered when formulating project objectives (6 marks)

QUESTION 4

Using examples explain how to formulate

- a) Hypothesis (3 marks)
- b) Conceptual framework (3 marks)

QUESTION 5

Discuss briefly the key components considered when writing an abstract in a scientific paper
(6 marks)

Section B: Answer any Two Questions (40 marks)

QUESTION 6

Discuss problem analysis highlighting the major considerations in the following

a) Statement of the problem (10 marks)

b) Justification of the problem (10 marks)

QUESTION 7

Explain five factors to consider when critiquing literature review sources (20 marks)

QUESTION 8

Discuss the basic rules of questionnaire construction (20 marks)