

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR
OF SCIENCE IN AGRICULTURAL EDUCATION, ANIMAL SCIENCE,
HORTICULTURE, AGRIBUSINESS MANAGEMENT, AGRICULTURE AND
AGRICULTURAL ECONOMICS

AGED312/314/348: TECHNICAL WRITING AND REPORTING

STREAMS: BSC (AGED, ANSC, HORT, AGBM, AGRI, & AGECE)

TIME: 2 HOURS

DAY/DATE: TUESDAY 05/12/2017

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- Answer question ONE (COMPULSORY) and any other Three questions
- Do not write on the question paper

- Q1. (a) Give six significance of technical reports. [6 marks]
- (b) Explain four legal issues taken into account when writing a technical report. [4 marks]
- (c) Explain the contents of the following parts of a report.
- (i) Abstract [4 marks]
 - (ii) Background information [3 marks]
 - (iii) Literature review [3 marks]
 - (iv) Discussions [3 marks]
 - (v) Recommendations [2 marks]
- Q2. Discuss the phases of technical writing. [15 marks]
- Q3. Discuss the types of audience citing how you would write for each group to effectively achieve your objectives. [15 marks]
- Q4. The Swedish International development Agency is an international development agency operating in the country and is interested in funding a project in your community in any one of the following fields.
- (a) Control of environmental degradation

- (b) Reducing rural-urban migration through the enhancement of local agro-based industries.

Since funding is made available on a competitive basis, you are required to prepare a project proposal in any one field in an attempt to convince the directors and experts from SIDA to fund your project.

The following selected should sustain itself once the donor has pulled out, thus your proposal should also target the relevant technical field staff and the community in general.

Discuss the argument you would put forward in your proposal to convince each audience category that your project is worth funding. [15 marks]

- Q5. The following results were obtained from field trials carried out by a research scientist in Kairini farm involving relationship of environmental temperature, feed intake and water consumption in cattle 350 kg heifer.

Table 1: relationship of environmental temperatures feed intake, and water consumption in cattle 350kg /heifers.

Temp °C	Water intake in litres	Water in litres/kg DM	DM intake as % of body weight
2	22	1.5	4.0
10	22	1.7	3.7
21	30	2.2	3.9
27	35	2.9	3.45
32	53	7.0	2.16
35	73	7.5	2.78

5. (a) Illustrate the above results using a suitable visual aid. [4 marks]
(b) Discuss the results giving reasons for the relationship as indicated by the results on table 1. [6 marks]
(c) State five common mistakes in technical writing. [5 marks]