



“Investing in Africa’s future”

COLLEGE OF HEALTH, AGRICULTURE & NATURAL SCIENCES

**NAEC 112: COMMUNICATION SKILLS IN AGRICULTURE AND NATURAL
RESOURCES**

END OF SECOND SEMESTER FINAL EXAMINATIONS

APRIL 2023

LECTURER: W. MANYANGARIRWA

DURATION: 3 HOURS

INSTRUCTIONS

1. Answer All Questions in Section A, and
2. Choose and Answer any two questions in Section B.

SECTION A

ANSWER THE WHOLE SECTION

1. You have been assigned to conduct a Research Survey in a rural area to gather information on the adoption of a new farming technology introduced by the extension service. Outline the steps you need to follow in:
 - (i) Preparing to interview respondents, [5]
 - (ii) Interviewing the respondents. [5]

- b) The following data was gathered from markets where farmers sell their fresh produce in major cities of Ethiopia. In Harar, farmers sold 10 tonnes of cabbage and 20 tonnes of green beans. In Dire Dawa farmers sold 5 tonnes of cabbage and 10 tonnes of green beans. In Addis Ababa farmers sold 90 tonnes of cabbage and 60 tonnes of green beans. In Bahir Dar farmers sold 50 tonnes of cabbage and 30 tonnes of green beans.
 - i) Tabulate the data. [4]
 - ii) Present the data using a neat, well labelled graph.
(use the graph paper provided). [14]
 - iii) Calculate the proportions of the cabbage market that are taken up by the different cities. [2]

- c) With reference to specific examples, explain the difference between continuous data sets and discrete data sets. [5]

- d) With reference to specific examples, explain the difference between a dependent variable and an independent variable in data sets. [5]

- e) Give a brief outline of what is meant by the context in communication. [5]

- f) Briefly outline the different types of communication flow in society. [5]

SECTION B

ANSWER ANY TWO QUESTIONS FROM THIS SECTION

2. Electronic mail (e-mail) has been labelled as a tool that has transformed the workplace in terms of ease of communication.
 - a) Outline the main uses of e-mail in business communication. [13]
 - b) Illustrate some of the **concerns** associated with the use of e-mail at the workplace. [12]

- c) Discuss the different types of barriers to effective communication that are encountered in society and suggest ways in which these barriers can be overcome. [25]
- d) Discuss at least five (5) different leadership styles at the workplace. [25]
- e) You have been asked to teach Mutare Girls High School students on Principles of Scientific Writing. Give an outline of the major components of a **Research** scientific paper paying attention to aspects that students need to include in each section as well as the referencing system. [25]

End of Examination Paper