



***“Investing in Africa’s future”***

**COLLEGE OF HEALTH, AGRICULTURE AND 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**

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**INSTRUCTIONS**

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

## SECTION A

### ANSWER ALL QUESTIONS IN THIS SECTION

1. a) Rudo is a Zimbabwean who went to Addis Ababa University to study for a BSc in Rural Development. She was required to do a rural survey for her project and she was advised to guard against culture shock. Give an outline of the steps that Rudo needs to take before she embarks on her rural survey in southern Ethiopia. [10]  
  
b) The following data was collected from a study of student population intakes at Helmand University in Afghanistan. In 1990, the University took 10 females in first year Agribusiness and 15 males in first year agribusiness, In 1991, the University took 13 females in Agribusiness and 11 males in Agribusiness. In 1992 the University took 22 females in Agribusiness and 15 males in Agribusiness. In 1993 the intakes were 24 females and 13 males in the same programme.  
  
i) First tabulate the data and then present the data using a neat, well labelled graph. (use the graph paper provided). [18]  
  
ii) During the course of the study, the Afghan government introduced free education for female students. Which year is this likely to be and why? [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 the barriers to effective communication. [10]

## SECTION B

### ANSWER ANY TWO QUESTIONS FROM THIS SECTION

2. Organizational meetings are an important forum for the decision making process. Outline the roles of the Chairperson, Secretary and Treasurer in organizational meetings. [25]
3. Communication flow can be upward, lateral or downward. Define these types of communication flow and link them to different leadership styles at the workplace. [25]
4. Electronic mail (e-mail) has been labelled as a tool that has transformed the workplace in terms of ease of communication. Outline the main uses of e-mail in business communication. In your answer illustrate some of the **concerns** associated with the use of e-mail at the workplace. [25]

5. You have been asked to teach Marange 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**