

UGANDA MARTYRS



UNIVERSITY

**NGETTA CAMPUS
FACULTY OF AGRICULTURE**

**DIPLOMA IN AGRICULTURAL ECONOMICS AND AGRIBUSINESS
MANAGEMENT / BACHELOR OF AGRICULTURAL ECONOMICS AND
AGRIBUSINESS MANAGEMENT**

**COURSE CODE; AGRI 1104/ DAE 1104 INTRODUCTION TO PRINCIPLES OF
AGRONOMY**

FINAL ASSESSMENT

ACADEMIC YEAR 2023/2024 SEMESTER ONE

BAEM I/ DAEM I

DATE: 14TH/DEC/2023

TIME ALLOWED:3 HOURS (9:00am-12:00pm)

INSTRUCTIONS:

- *Attempt any four questions of choice*
 - *All questions carry equal marks*
 - *Start every question on a new page*
 - *Do not write anything on the question paper*
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1.Discuss the basic principles of agronomy practiced by most farmers in Uganda today
(25marks)

2a. Define compost manure (2marks)

b. State five advantages of making compost manure **(5marks)**

c. Using illustration, clearly explain the procedure for making compost manure using a heap method **(18marks)**

3a. Briefly discuss how important agronomy is to the development of economy through agricultural production enhancement **(10marks)**

b Explain the factors determining the yield potential of a commercial farmer specializing in annual crop production in your area **(15marks)**

4. Discuss how the following agronomic practices affect the crop performance in your community **(25marks)**

- a) Land preparation (5marks)
- b) Seeds selection (5marks)
- c) Planting and spacing (5marks)
- d) Fertilizer application (5marks)
- e) Weed control (5marks)

5. Discuss the various measures implemented by most farmers to utilize the available growth resources for enhance crop production **(25marks)**

6. Discuss the management strategies used by agriculturalist to increase their crop yields and growth as a basis for increased production. **(25marks)**

7a. Explain Agro-ecosystem **(5marks)**

7b. Explain the eight components of agro-ecosystem giving examples and illustration where necessary **(15marks)**

8a. Discuss the various constraints to agricultural production as a country's limitations to food security **(15marks)**

b. What strategies are being taken by the government to solve the above insecurity (10marks)

GOOD LUCK & MERRY X-MASS