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(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2021/2021 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER EXAMINATIONS

SPECIAL/SUPPLEMENTARY EXAMINATION

FOR THE DIPLOMA IN:

GENERAL AGRICULTURE AND HORTICULTURE

COURSE CODE: DAG 051

COURSE TITLE: INTRODUCTION TO AGRICULTURE

DATE: 25-7-2022

TIME: 2-4PM

INSTRUCTIONS TO CANDIDATES

Answer ALL questions in section A and any TWO in section B

SECTION A (30 MARKS)

1. Define agriculture as a business. (2 marks)
2. Define the following terminologies in agriculture. (4 marks)
 - a) Pedology
 - b) Pathology
 - c) Entomology
 - d) Ecology
3. Give reasons for minimum tillage. (4 marks)
4. What are the tertiary operations in agricultural crop production? (4 marks)
5. What are the characteristics of indigenous breeds of livestock? (4 marks)
6. What are the advantages of organic farming? (4 marks)
7. Discuss the internal factors affecting agriculture. (8 marks)

SECTION B (40 MARKS)

8. Discuss the history of agriculture. (20 marks)
9. a) What factors would you consider before choosing a farming system? (14 marks)
b) Explain how edaphic factors affect farming. (14 marks)
10. Discuss the ways in which technology has changed agricultural production. (20 marks)