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DAG 072



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

**SCHOOL OF AGRICULTURE, VETERINARY SCIENCES AND TECHNOLOGY
(SAVET)**

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

MAIN EXAMS

OF

DIPLOMA IN GENERAL AGRICULTURE

COURSE CODE: DAG 072

COURSE TITLE: ANNUAL CROPS

DATE: 20.12.23

TIME: 3-5PM

INSTRUCTIONS TO CANDIDATES

This paper is divided into two sections, **A and B**. Answer ALL Questions in SECTION A and any Two in SECTION B

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. Give the scientific names of the following crops **(5mks)**

- i. Maize
- ii. Rice
- iii. Pigeon peas
- iv. Ground nut
- v. Cassava

2. Discuss the importance of annual crops **(10mks)**

3. Name 5 plant characteristics of beans **(5mks)**

4. State 5 uses of sorghum **(5mks)**

5. Name 3 classifications of agricultural crops **(3mks)**

6. Giving two examples, explain what is meant by orphan crops **(2mks)**

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

7. Discuss maize under the following subheadings **(20mks)**

- a) Crop description
- b) Ecological requirements
- c) Crop establishment
- d) Uses
- e) Pest and disease management

8. Explain the reasons for breeding in annual crops **(20mks)**

9. Write short notes on

- a) Harvesting of rice **(10mks)**
- b) Post-harvest handling of ground nuts **(10mks)**