



UNIVERSITY OF EDUCATION, WINNEBA
INSTITUTE FOR TEACHER EDUCATION AND CONTINUING
PROFESSIONAL DEVELOPMENT (ITECPD)



END OF FIRST SEMESTER EXAMINATIONS, APRIL, 2024

LEVEL 300

COURSE CODE: JBA 352

COURSE TITLE: SUSTAINABLE AGRICULTURAL PRACTICES

TIME ALLOWED: 2 HRS

STUDENT'S NAME: _____

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GENERAL INSTRUCTIONS:

- This paper is made up of **ONE SECTION**.
- *The Section is made up of five essay type questions.*
- *Answer any **THREE** questions in your answer booklet.*
- *Each question carries equal marks. You are expected to start each question on a new page.*
- *You are expected to hand over your answer booklet to the invigilator before you leave the examination hall.*

Instruction: Answer any three (3) questions in the answer booklet provided.

Q1

- (a) What is ESD? (2 marks)
- (b) What are **four (4)** general categories of food additives. (4 marks)
- (c) In three way explain how recycling materials help the environment? (6 marks)
- (d) Discuss **four (4)** ways by which agricultural solid waste can be effectively manage (8 marks)

Q2

- (a) Name **four (4)** major care and maintenance components for Tools, Equipment and Machines. (4 marks)
- (b) State **four (4)** importance of Ethno-Veterinary Medicine. (4 marks)
- (c) Enumerate **four (4)** benefits of Sustainable Crop Production System (4 marks)
- (d) Explain the **four (4)** distinctive groups who can actually gain from the greening TVET process. (8 marks)

Q3

- a) Define Sustainable Crop Production System (2marks)
- b) State **four (4)** sustainable land preparation techniques (2marks)
- c) Outline the **two (2)** major objectives of Sanitation. (6 marks)
- d) Explain the **five (5)** framework of Approaches by which Education for Sustainable Development (ESD) can be implemented in TVET Institutions (10 marks)

Q4

- a) What is agricultural biodegradable waste? (2 marks)
- b) name **four (4)** types of Agro-chemicals (4 marks)
- c) Explain **three (3)** origins of non-biodegradable Agricultural waste (6 marks)
- d) Explain **four (4)** influence of agricultural solid waste on human health and environment (8marks)

Q5

- a) State and explain **three (3)** types of sanitation (6 marks)
- b) Outline the uses of **three (3)** name Ethno-Veterinary medicine (6 marks)
- c) Enumerate **four (4)** benefits of Recycling and Reuse (4 marks)
- d) In **four (4)** ways distinguish between biodegradable and non-biodegradable waste (4 marks)