



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



END OF FIRST SEMESTER EXAMINATIONS, APRIL, 2024

LEVEL 200
COURSE CODE: JBA 232

COURSE TITLE: ENVIRONMENTAL EFFECTS ON AGRICULTURE AND
ENTREPRENEURSHIP

TIME ALLOWED: 2 HRS

STUDENT'S INDEX NUMBER:

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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.

- 1a. Define disease in plants. (2 Marks)
- b. State and explain the **two (2)** main causes of plant diseases. (10 Marks)
- c. Explain complete metamorphosis in insect pests. (6 Marks)
- d. Give **two (2)** examples of insects who go through complete metamorphosis. (2 Marks)
- 2a. Mention the types any **three (3)** of nursery beds. (3 Marks)

- b. Describe the mouth parts of biting and chewing insects in crops. (8 marks)
- c. Explain IPM. (4 Marks)
- d. State **five (5)** effects of light in crop production. (5 Marks)

3a. Who is an entrepreneur? (2 Marks)

b. Mr. Abu cattle farm is heavily attacked by ticks. Suggest **four (4)** ways of controlling this pest to him. (4 Marks)

c. Explain **three (3)** ways visitors and workers of the farm can be prevented or controlled from introducing new pests and diseases, into the farm. (6 marks)

d. Explain **four (4)** importance of nursery in crop production. (8 marks)

4a. State the **two (2)** main types of parasites in farm animals and give **one (1)** example each. (4 Marks)

b. Explain **three (3)** general effects of parasites/pests on the animals (6 Marks)

c. Give **four (4)** signs of a healthy animal. (4 Marks)

d. Describe **three (3)** characteristics of entrepreneurs. (6 Marks)

5a. Explain Crop Protection. (4 marks)

b. Explain the main functions of these substances

i. Sanitizer

ii. Antiseptic

iii. Disinfectant

iv. Sterilant (8 marks)

b. Mention **three (3)** disadvantages of partnership as a form of business ownership. (3 Marks)

d. Mention **five (5)** elements of a business plan. (5 Marks)

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