



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**FACULTY OF AGRICULTURAL SCIENCES**  
**DEPARTMENT OF CROP AND SOIL SCIENCES**  
**2025\_2 EXAMINATIONS**

---

**COURSE TITLE: PRINCIPLES OF CROP PROTECTION**

**COURSE CODE: CRP 303**

**TOTAL SCORE: 70 MARKS**

**TIME: 2 HRS**

**INSTRUCTIONS: ANSWER THREE (3) Questions in all. QUESTION 1 is compulsory (30 marks) and any other (2) questions (20 marks each)**

**QUESTIONS**

1. Define pest in two (2) different ways (10 marks)
  - b. Enumerate five (5) categories of pest and explain any two (2) (10 marks)
  - c. Mention three insect pests each of the following:
    - i. Cereals      ii. Legumes      iii. Tubers      (10 marks)
2. Explain the mechanical methods of controlling pests in Agriculture (10 marks)
  - b. Describe acute and chronic poisoning of pests (10 marks)
3. Explain the symptoms of the diseases mentioned below: (20 marks)
  - i. Mildew
  - ii. White blisters
  - iii. Scab
  - iv. Blotch
  - v. Exudations
4. Explain these diseases caused by animate and virus pathogens in relation to their occurrences (15 marks)
  - i. Endemic diseases
  - ii. Epidemic diseases
  - iii. Sporadic diseases
  - b. Differentiate between infectious and non-infectious diseases (5 marks)