



**NATIONAL OPEN UNIVERSITY OF NIGERIA  
FACULTY OF AGRICULTURAL SCIENCES  
DEPARTMENT OF CROP AND SOIL SCIENCES  
2023\_1 POP EXAMINATION.**

**COURSE TITLE: PRINCIPLES OF CROP PROTECTION**

**COURSE CODE: CRP 303**

**TIME: 2 HRS**

**TOTAL SCORE: 70 MARKS**

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

**QUESTIONS**

1. Differentiate between disease and pathogen (10 marks)
  - b. Discuss the categories of plant pathogens (20 marks)
2. List and explain four (4) categories of storage pests (10 marks)
  - b. Highlight five (5) damages caused by storage pests and describe any two (2) (10 marks)
3. Define weed management (5marks)
  - b. State five (5) principles of weed management and explain the Life cycle of weeds and their management. (15 marks)
4. State five (5) beneficial effects of weeds (5 marks)
  - b. Discuss the mechanical and chemical methods of controlling animal pests (15 marks)