



# **NATIONAL OPEN UNIVERSITY OF NIGERIA**

**University Village, Nnamdi Azikwe Express Way, Plot 91,  
Cadastral Zone, Jabi,  
Jabi, Abuja**

**Faculty of Agricultural Sciences  
FIRST SEMESTER EXAMINATION: June/July**

**ACP - 305: PRINCIPLES OF CROP PRODUCTION [2 CREDITS]**

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**INSTRUCTION: ANSWER ALL QUESTIONS IN PART ONE AND ANY OTHER 3 questions in part two**

**TIME ALLOWED 2 HOURS.s**

## **PART ONE**

1. a. Define crop pest and Discuss the conditions which promote pests  
b. Discuss the following damages caused by insect pest
  - i. Biting and chewing
  - ii. Piercing and sucking
  - iii. Boring
- c. Explain the following weeds management systems
  - i. Cultural system
  - ii. Biological system

## **PART TWO.**

2. What are the damages done to crop by rodents and birds
3. List all the direct effects of weeds on crop and discuss all in details
4. What are the general precautionary measures for control of pests in stored products
5. Discuss the general control methods of plant diseases: cultural, biological and chemical methods

6. List all the categories of storage pests and explain each one