



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2015 EXAMINATION

SCHOOL OF AGRICULTURAL SCIENCES

COURSE CODE: ACP – 305
COURSE TITLE: PRINCIPLES OF CROP PRODUCTION
[2 CREDITS]
TIME ALLOWED: 2 HOURS.

INSTRUCTION: ANSWER ALL QUESTIONS IN PART ONE AND ANY OTHER 3 QUESTIONS IN PART TWO

PART ONE

1. a. Define crop pest and Discuss the conditions which promote pests---- 10 marks
b. Discuss the damages caused by the following insect pests.
 - i. Biting and chewing ---- 2 marks
 - ii. Piercing and sucking -----2 marks
 - iii. Boring ----- 2 marks
- c. Explain the following weed management systems
 - i. Cultural system---- 2 marks
 - ii. Biological system ---- 2 marks

PART TWO.

2. What are the damages done to crop by rodents and birds----- 10 marks
3. List all the direct effects of weeds on crop and discuss them in details----- 10 marks
4. What are the general precautionary measures for the control of pests in stored products- 10 marks
5. Discuss the general control methods of plant diseases under the following: cultural, biological and chemical methods----- 10 marks
6. List all the categories of storage pests and explain each one----- 10 marks