



LEAD CITY UNIVERSITY, IBADAN
Faculty of Sciences
Department of Microbiology/Biology

COURSE PARTICULARS

Course Title: ENTOMOLOGY AND PEST MANAGEMENT

Course Code: ZOO 311

Lecturers:-

Name: Dr. B.A. Bamkefa

Qualification: B.Sc, M.Sc and Ph.D University of Ibadan. Nigeria

Phone number: 08035268612

Area of specialization: Botany, Phytopathology and Nematology

Assessment

Class attendance	5 marks
Tests and Assignments	35marks
Final Examination	60 marks

LECTURE PLAN Week 1 – Pest and categories of pests

Week 2 – Pest management

Week 3&4 – Cultural control of pests

Week 5 – Biological control of pests

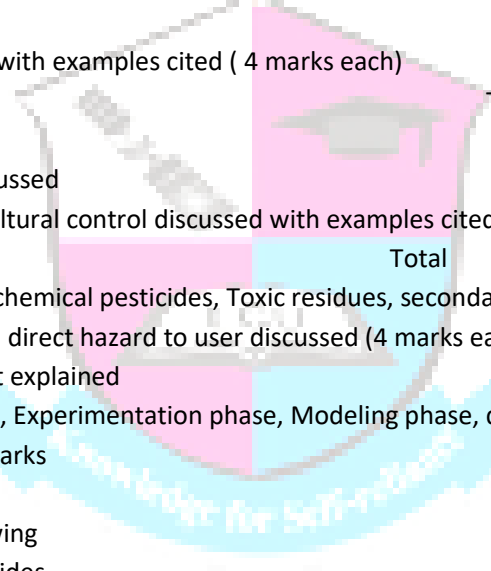
Week 6 & 7 – chemical control of pests and classification of insecticides

Tutorial Questions

1. a). What is a pest? B). Discuss the categories of pest.
2. Discuss cultural control in pest management.
3. Why should there be integrated pest management?
4. A). What is pest management? B). Discuss the phases you will consider in managing your pest
5. Write short notes on the following a). Synthetic insecticides b). Organophosphorus and carbamates
c). Natural pesticides d). botanical insecticides
6. Enumerate factors you will consider in selecting your insecticides



Marking guide



1. Pest discussed		4 marks
4 categories of pest with examples cited (4 marks each)		16 marks
	Total	20 marks
2. Cultural control discussed		4 marks
Any 4 methods of cultural control discussed with examples cited (4 marks each) = 16 marks		
	Total	20 marks
3. Insect resistance to chemical pesticides, Toxic residues, secondary outbreak of pest, resurgence of sprayed pests and direct hazard to user discussed (4 marks each) = 20 marks.		
4. A) Pest management explained		4 marks
b). Infestation phase, Experimentation phase, Modeling phase, decision phase and control phase		
4 marks each = 16 marks		
Total		20 marks
5. Notes on the following		
a). Synthetic insecticides		5 marks
b). Organophosphorus and carbamates		5 marks
c). Natural pesticides		5 marks
d). botanical insecticides		5 marks
Total		20 marks
6. Any 5 points made and discussed properly	4 marks each	20 marks