



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2025_2 EXAMINATIONS

COURSE CODE: EHS514

COURSE TITLE: PEST MANAGEMENT METHOD AND CONTROL

COURSE UNITS: 2 CREDIT UNITS

TIME ALLOWED: 1 ½ HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: ANSWER ALL QUESTIONS

- 1 (a)i. Evaluate the role of physical control in modern pest management. **6 marks**
ii. Discuss the advantages and disadvantages of using chemical pesticides for Poisoned bait and Fumigation with alternatives suggestion to reduce reliance on these substances **8 marks**
(b) Discuss the integrated pest management (IPM) approach and its significance in sustainable agriculture. **5 marks**
(c) Write a short on the following: **6 marks**
i. Trap cropping
ii. Pheromone traps
iii. Forest pests
- 2 (a) i. Define quarantine department? **3 marks**
ii. State the four (4) main laws of quarantine department **2 marks**
(b) Itemize the other factors for the various offshoots **5 marks**
(c) Differentiate between animals pests and plant pest **10 marks**
- 3 (a) Define the following kinds of pests and give example of each; **12 marks**
i. Migrant pest
ii. Key pest
iii. Occasional pest
iv. Major pest
v. Potential pest/ Secondary pest
vi. Minor pest
(b) List and briefly describe three (3) examples of biological control agents. **3 marks**
(c) Describe sterilization, when and where was it tested? **5 marks**
(d) Extensively discuss on Crop scouting **5 marks**