



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2024 1 EXAMINATION

COURSE CODE: EHS 305
COURSE TITLE: GENERAL ENTOMOLOGY
COURSE UNITS: 2 CREDIT UNITS
TIME ALLOWED: 1½ HOURS
TOTAL MARKS: 70 MARKS
INSTRUCTION: ANSWER ALL QUESTIONS

- 1a. Discuss the basic focus of the following professional entomologists. **10 marks**
- i. Crop scout
 - ii. Medical and veterinary entomologists
 - iii. Ecological entomologists
 - iv. Pest controller
 - v. Forester
- 1b. Highlight 3 ways insects should be removed from the net? **5marks**
- 1c. List 6 Examples of insects for which SIT has been used to eradicate **6marks**
- 1d. Outline 5 precaution in handling insecticides or insecticide containers? **5marks**
- 2a. Define the following terms used in insecticide application
1. Pre-emergence
 2. Broadcast
 3. Drench
 4. In-furrow
 5. Pour-on
 6. Dip – Dip
- 2b. Outline 5 methods of physical and mechanical control of insects **5 marks**
- 2c. Discuss the Physical method of control of insects **5 marks**
- 2d. How Can insects be removed from the net ? **4 marks**
- 2e. When is Gas mask or canister respirator important in insecticide use? **4 marks**
- 3a. Discuss how insects can be preserved **5marks**
- 3b. State 5 points why Chemical control of insect is Widely used? **5marks**
- 3c. Give 2 examples each of organic, inorganic, botanical, and bacterial insecticides **4 marks**
- 3d. what is the important factor when radiating insects for sterilization and why? **3marks**
- 3e. State techniques to prevent abdomen of insects from sagging when pinned **3marks**