



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: EHS305

COURSE TITLE: GENERAL ENTOMOLOGY

COURSE UNITS: 2 CREDIT UNITS

TIME ALLOWED: 1 ½ HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: ANSWER ALL QUESTIONS

- 1 (a) Describe the life stages of insects. **12 marks**
(b) Using a well diagram explain the general life stages of an insect **4 marks**
(c) Mention the key differences between complete and incomplete metamorphosis in insects. **4 marks**
- 2 (a) Explain the importance of insects in the following fields; **10 marks**
i. Agriculture
ii. Environmental sciences
iii. Medicine
iv. Construction
v. Product development
- (b) List and describe three (3) types of mouthparts found in insects and provide two (2) examples for each **6 marks**
(c) Give detailed description on the biological method of insect control **12 marks**
- 3 (a) How many orders of insects make up the insects' kingdom **1 mark**
(b) Mention seven (7) orders and provide the following information about each order: **21 marks**
i. the scientific name
ii. the meaning of the name
iii. the common name
iv. the number of species in each order
v. the type of metamorphosis
vi. main characteristics that distinguish each order