

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI
SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY
DEPARTMENT OF CROP SCIENCE AND TECHNOLOGY
2015/2016 RAIN SEMESTER EXAMINATIONS

COURSE TITLE: AGRICULTURAL ENTOMOLOGY

COURSE CODE: CST 508 (2 UNITS)

TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER FOUR (4) QUESTIONS IN ALL

1. Understanding pesticides mode of action would help in timing application for effective result. Discuss.
2. Name and describe (i) the various sources and (ii) effects of pesticides hazards on man and environment.
3. (a) Concisely define biological control and carefully differentiate the following terms: (i) Parasites (ii) predators (iii) parasitoids
(b) With examples describe five (5) cultural control methods you would employ to control insect pests in a large farm.
4. Discuss five (5) methods of controlling a named insect pest of stored product.
5. Critically explain the processes involved in killing, preservation and mounting of insects of the following orders (i) Homoptera e.g mealy bugs (ii) Coleoptera e.g beetles (iii) Hymenoptera e.g bees and wasps (iv) Lepidoptera e.g larvae and nymphs (v) Orthoptera e.g grasshopper