

BOWEN UNIVERSITY, IWO
DEPARTMENT OF BIOLOGICAL SCIENCES
2009/2010 FIRST SEMESTER EXAMINATION
ZLY 403: APPLIED ENTOMOLOGY
THEORY

Answer any **three** questions.

Time: 2 hrs 15 mins.

- 1 (a) Define pest and explain in details, the 3 categories of insect pests studied by you.
(b) Discuss 5 important ways by which pest population can rise above its equilibrium level to become a threat to human interest.

(25 Marks)
- 2 (a) Define pest management and briefly explain the 5 steps to achieving effective pest management.
(b) Explain 5 factors responsible for the success of the Class Insecta in the world of the fauna.
(c) List 5 basic characteristics of the Class Hexapoda.

(25 Marks)
- 3 (a) Discuss extensively, Biological Pest Control.
(b) State 5 economic importance of insects to man.

(25 Marks)
4. Write on the entomological importance of grasshopper and silkworm to man.

(25 Marks)
5. Described the Biology and behaviour of the honeybee.

(25 Marks)