

6. What do you understand by sterile insect technique ?
Name the scientist who gave this technique. Write a note of various sterilizing agents.
7. (a) Write a note on historical aspects of chemical control.
(b) Differentiate between contact stomach poisons giving examples.
8. Give a detailed account of major groups of insecticides based on their chemical nature.

Exam. Code : 103206

Subject Code : 1344

B.A./B.Sc. 6th Semester

ZOOLOGY

Zoo-VI B Opt. (ii) Economic Entomology-II

Time Allowed—2 Hours] [Maximum Marks—35

Note :— There are **Eight** questions of equal marks. Candidates are required to attempt any **Four** questions.

1. Explain the symptoms and control measures of diseases transmitted by various species of mosquitoes.
2. Write down the systematic position, symptoms and control measures of diseases transmitted by :
 - (a) Blow fly
 - (b) Horse fly
3. (a) Give the systematic position of poultry louse. How does it cause damage to animals ?
(b) How do mouth parts of honey bee differ from mosquito ?
4. With the help of well labelled diagram explain the mouth parts of grass hopper.
5. Define biological control. Explain the various biocontrol agents along with examples.