

# Question bank

## Undergraduate questions

### Insect ecology questions

**Q1/** Define these terms? (Answer 5 Only) ..... (25 Mark).

***Insect Ecology, Environment, Decomposers, Carnivorous insect, mimicry,***

***Aquatic insects (water insects) and Predators.***

**Q2/** What are the important difference between environment and ecology?..... (25 Mark).

**Q3/A/** Write the major groups of aquatic insects?..... (16 Mark).

**B/** what are the Adaptations to conserve water in insect body? (9 Marks).

**Q4/** Explain the biotic factors & a biotic factors?

**Q5/** Enumerate the stages of the Host?

## Postgraduate questions

### Biological control questions / High diploma

**Q1/ Define these terms?**

Biological Control, Mutualism, Biopesticide, Natural enemy, Vector, Prey

Conservation biological control (CBC).? .....(25Mark).

**Q2/** What are the basic strategies for biological pest control?..... (15Mark).

**Q3/** Write the characteristics of effective biocontrol agents.? ..... (25Mark).

**Q4/** Enumerate the types of light traps Appliances in controlling the pests & Explain one of them?..... (20 Mark).

**Q5/** What are Disadvantages of BC..... (15 Mark).

**Advanced Insect Ecology questions/ M.Sc.**

**Q1/Define these terms in detail?**

Entomology, Insect morphology, Integument, Ostia, Myology, Cuticulin layer, Alimentary canal, and Amino acids.

**Q2/ Write what you know about the history of insect physiology?**

**Q3/ Enumerate the functions of insect Circulatory system & Nervous system?**

**Q4/ What are the main characteristic of the Dorsal vessel?**

**Q5/ What are the areas of insect biology that hormones play a major role?**