

KERALA AGRICULTURAL UNIVERSITY  
B.Sc. (Ag) Supplementary Examination July 2008

Ento 2102  
Economic Entomology (2+1)

Max. Marks: 60  
Time: 2½ hours

I. Objective type questions (Answer All questions)

20 x 0.5 = 10

1. Popular variety of mulberry plant is .....
2. Bee language was discovered by .....
3. Mother moth examination is done to ascertain .....disease in silkworm
4. Newly hatched lac insect is called .....
5. Rearing of honey bee is called Apiary (True/False)
6. Bees wax is the glandular secretions of drone bee (True/False)
7. Kusumi is one of the species of silkworm (True/False)
8. Name the family of Eri Silkworm
9. Scientist who designed the wooden hive with removable frames
10. Scientist who explained the Bee Dance
11. Insecticide with green label is .....
12. Example for adult parasitoid
13. Define ETL
14. Example for lepidopteran parasitoid
15. Example for lepidopteran predator
16. Scientific name of aphid lion
17. Lady bird beetle belongs to the family .....
18. Dipteran parasitoid belongs to the family .....
19. Example for granular insecticide
20. Example for fumigant

II. Questions for short answers (Answer all questions)

(14 x 1 = 14)

1. Bee bread
2. re-reeling of silk
3. Expand CSR&TI and KVIC
4. Royal Jelly
5. Polyembryony
6. List two pupal parasitoids
7. List two larval parasitoids
8. List two egg parasitoids
9. Name chemical present in mosquito coil
10. Give two examples for mechanical control
11. Give two examples for Myco-insecticides
12. Give two examples for borers
13. Spot application of insecticide
14. Padding and pralinage

III. Questions for short notes (Answer any eight)

8 x 2 = 16

1. Food of queen larvae of honey bee
2. An insect pest of silkworm and its management
3. Genetical method of pest control
4. Swarm control
5. Cry 1Ac
6. *Trichogramma chilonis*
7. Pneumatic sprayers
8. Hydraulic sprayers
9. Morphological adaptations for dragon fly
10. Define Physical control. Give two examples

IV. Short Essays (Answer any five)

5 x 4 = 20

1. List out the common plant protection equipments. Explain the importance of safe handling of pesticides
2. Discuss the importance of biological control agents in integrated pest management programme
3. Shoot rearing of late age silkworm
4. Explain various management tactics to be followed during lean period of honey bee
5. Write an essay on biology, symptom of damage and management of greater wax moth
6. Give economic classification of insect