

C 60091

(Pages : 2)

Name.....

Reg. No.....

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, MARCH 2019

(CUCBCSS)

Zoology

ZOL 6B 15 (E3)—APPLIED ENTOMOLOGY

Time : Three Hours

Maximum : 80 Marks

A. Answer *all* questions. Each question carries 1 mark :

- 1 Write down scientific name of horse fly.
- 2 Cite an example for sporadic pests.
- 3 *Pectinophora gossypiella* is a pest of _____.
- 4 Which bacterial species is used against mosquito species.
- 5 Life stages of which species of insect are utilized in forensic entomology.
- 6 Rotenone is obtained from _____.
- 7 Ecdysone is secreted by _____.
- 8 Vectors of disease plague are tiny insects belonging to the which order.
- 9 Name the food plant of Muga silk worm.
- 10 Name the species of coconut mite.

(10 × 1 = 10 marks)

B. Answer any *ten* questions in two or three sentences each. Each question carries 2 marks :

- 11 What are the major endocrine glands in insects ?
- 12 Write short notes on bee veil.
- 13 Comment on uses of insect in medicine.
- 14 Describe injury by sucking insects.
- 15 Describe biological control of rhinoceros beetle in coconut.
- 16 Comment on antifeedants.
- 17 Comments on Legal methods for insect control.
- 18 What are the Factors governing outbreak of insect pests.
- 19 Comment on post harvest processing of cocoons.
- 20 Classify chemical insecticide mode of action.

Turn over

21 Comment on insect resistance to pesticides.

22 Which are the different types of mount ages used in sericulture ?

(10 × 2 = 20 marks)

C. Answer any *five* questions in not more than *a paragraph* each. Each question carries 6 marks :

23 Comment on gall insects

24 Describe about different strains of lac insects

25 Comments on pest of domestic animals and their control methods

26 Describe life cycle , damage caused and control measures of two insect pest of coconut

27 Explain different species of honey bees used in apiculture

28 Describe moriculture.

29 Describe the damage caused and control measure of pest of pepper

30 Describe autocidal control with success story.

(5 × 6 = 30 marks)

D. Write essays on any *two* of the following. Each question carries 10 marks :

31 Describe in details kinds of pests and causes of pest out break.

32 Explain different types of appliances used in administration of pesticides.

33 Describes pests of vegetables and control measures to be followed.

34 Write an essay on integrated pest management programme with emphasis on features and advantages.

(2 × 10 = 20 marks)