

C 80325

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Name.....

Reg. No.....

SIXTH SEMESTER B.A./B.Sc. DEGREE EXAMINATION, MARCH 2020

(CUCBCSS—UG)

Zoology (Elective Course)

ZOL6 B 15 E3—APPLIED ENTOMOLOGY

Time : Three Hours

Maximum : 80 Marks

Part A

I. One Word Questions. Answer *all* Questions. Each question carries 1 mark :

- 1 Wingless insects belong to the class _____.
- 2 Pests which occur most frequently or almost throughout the year are called _____ pests.
- 3 Insects that feed on dead flesh are called _____
- 4 Insects have _____ pairs of legs.
- 5 *Tabanus striatus* is called _____ fly.
- 6 The extract of the plant *Chrysanthemum*, known as _____ has insecticidal property.
- 7 The purest form of lac, which is used for commercial purpose is _____.
- 8 Mention a strain of lac insect cultivated in India.
- 9 Crop rotation is a _____ method of pest control.
- 10 *Dacus cucurbitae* is commonly known as _____ fly.

(10 × 1 = 10 marks)

Part B

II. Short Answer Questions. Answer any *ten* questions. Each question carries 2 marks :

- 11 What is forensic entomology ?
- 12 Mention the diagnostic characters of the order Diptera.
- 13 What do you mean by cultural entomology ?
- 14 Write on apitherapy.
- 15 What do you know about cold light ?
- 16 Write briefly on insects as human food.

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- 17 What do you mean by insect residue ?
- 18 What is trap cropping ?
- 19 What is pollen basket ?
- 20 Write on a pest of domestic fowl.
- 21 What do you know about pollu beetle ?
- 22 Comment on rice swarming caterpillar.

(10 × 2 = 20 marks)

Part C

III. Paragraph Questions. Answer any *five* questions. Each question carries 6 marks :

- 23 Write on the damage caused and control measures of the pests of mango.
- 24 Write on pests of stored products.
- 25 Explain the life history, damage caused and control measures of *Oryctes rhinoceros*.
- 26 Explain the modern methods of pest control.
- 27 Write on bee diseases.
- 28 Explain different kinds of organic insecticides.
- 29 Comment on diseases of silk worms.
- 30 Define pest. Write on various categories of pests.

(5 × 6 = 30 marks)

Part D

IV. Essay Questions. Answer any *two* questions. Each question carries 10 marks :

- 31 Explain the life history, damage caused and control measures of the pests of sugar cane.
- 32 Explain the biological pest control methods. Write on the merits and demerits.
- 33 Explain the procedure involved in lac cultivation.
- 34 Elaborate on the pests of plantation crops.

(2 × 10 = 20 marks)