

C 81308

Name.....

Reg. No.....

FOURTH SEMESTER P.G. DEGREE EXAMINATION, MARCH 2020

(CCSS)

Applied Zoology

ZOO 4E 20—AGRICULTURAL ENTOMOLOGY AND ACAROLOGY

(2014 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. Write essays on any *two* of the following :

- 1 Explain different aspects of silk worm rearing.
- 2 Write an account on mites of agricultural importance.
- 3 Write on diagnosis, nature of damage and control measures of pests of sugar cane.
- 4 Elaborate on the various causes of pest outbreak.

(2 × 15 = 30 marks)

II. Write short essays on any *three* of the following :

- 5 Write on mite pests of cereals and millets.
- 6 Comment on termites as destructive insects.
- 7 Explain different methods of insect collection.
- 8 Write on methods of estimation of damage caused by insect pests to crops.
- 9 Write on insect pests of pulses.

(3 × 10 = 30 marks)

III. Write short notes on any *five* of the following :

- 10 Insect pollinators.
- 11 Honey bees as productive insects.
- 12 Cynipidae.
- 13 Mites as natural enemies of pests.
- 14 Sampling methods of insects.
- 15 Pest resurgence.
- 16 Persistent pests and occasional pests.
- 17 Lac insect.

(5 × 4 = 20 marks)