



K21U 0160

Reg. No. :

Name :



VI Semester B.Sc. Degree (CBCSS – Reg./Supple./Improv.)
Examination, April 2021
(2014 – 2018 Admissions)
Core Course in Zoology
6B 14 ZLG : APPLIED ZOOLOGY

Time : 3 Hours

Max. Marks : 40

I. Answer **any one** : (1×8=8)

- 1) Explain the different steps in the rearing and management of silkworm.
- 2) Write a note on Prawn culture and induced breeding techniques.
- 3) Explain the embryo transfer technology adopted in animal husbandry.

II. Answer **any one** : (1×8=8)

- 4) Write an essay on the insect vectors of human diseases.
- 5) Explain integrated pest management and its significance.
- 6) Explain the methodology of induced breeding in prawn culture.

III. Answer **any two** : (2×4=8)

- 7) Describe the part of life cycle of *Plasmodium vivax* in human host.
- 8) With the help of a diagram, explain the structure of *Taenia solium*.
- 9) Explain the nature of damage and control measures of any two coconut pests.
- 10) What is biological control ? Give two examples.

IV. Answer **any six** : (6×2=12)

- 11) Describe the duties of a worker bee.
- 12) What is sericulture ? Mention the common silk producing insects with economic importance.
- 13) What is pasteurization ?
- 14) Name any two paddy pests.

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- 15) What is artificial insemination ?
- 16) What are fish by-products ? Give examples.
- 17) Name two common breeds of cattle.
- 18) What is extra-intestinal migration ?
- 19) Mention the distinguishing characters of Anopheles and culex.
- 20) Mention any two stored grain pests.
- 21) Briefly mention the method of artificial induction of pearl production.
- 22) What is cryo-preservation ?

V. Answer all the four questions :

(4x1=4)

- 23) The larval stage of *Wuchereria bancrofti* is _____
- 24) The scientific name of pulse beetle is _____
- 25) *Antheria paphia* is commonly called _____
- 26) The study of insects is called _____

(1x8=8)

(2x4=8)

(6x2=12)