

E 3683



Reg. No.....

Name.....

B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, NOVEMBER 2022

Fourth Semester

Complementary Course—Zoology

APPLIED ZOOLOGY

(Common for all Programmes having Zoology as a Complementary Subject)

[2013—2016 Admissions]

Time : Three Hours

Maximum Marks : 60

Part A

Answer all questions.

1 mark each.

Answer not to exceed 30 words.

1. Sexual dimorphism in *Penaeus*.
2. Vermicastings.
3. Economic importance of *Etroplus*.
4. *Pinctada fucata*.
5. Uses of honey.
6. Pen culture.
7. Name any two species of silk worm.
8. Pebrine.

(8 × 1 = 8)

Part B

Answer any six questions.

2 marks each.

Answer not to exceed 50 words.

9. Raft culture.
10. *Perna viridis*.

Turn over





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11. Vermicomposting.
12. Influence of alga in aquaculture.
13. Bee pasturage.
14. Integrated fish culture.
15. Bheries.
16. Biological filter.
17. Induced breeding in fishes.
18. Any two by products of honey bee.

(6 × 2 = 12)

Part C

*Answer any **four** questions.*

4 marks each.

Answer not to exceed 150 words.

19. Explain the salient features and advantages of aquaculture.
20. Briefly explain aquarium management.
21. Explain different mussel culture techniques.
22. Explain harvesting and stiffling of cocoons.
23. Explain induced breeding in prawn.
24. Explain the organization of a honey bee colony.

(4 × 4 = 16)

Part D

*Answer any **two** questions.*

12 marks each.

Answer not to exceed 400 words.

25. Explain the diseases of silk worm and its control measures.
26. Explain the morphology and economic importance of *Catla*, *Mrigal* and *Tilapia*.
27. Write an essay on vermiculture.
28. Write an essay on diseases and pests of honey bee and its control measures.

(2 × 12 = 24)

