

**18U620**

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Name: .....

Reg. No.....

**SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2021**

(CUCBCSS-UG)

(Regular/Supplementary/Improvement)

**CC15U ZO6 E02 - AQUACULTURE, ANIMAL HUSBANDRY AND POULTRY**

(Zoology – Elective)

(2015 Admission onwards)

Time: Three Hours

Maximum: 80 Marks

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

1. Name a culturable marine shrimp.
2. A common bacterial disease of poultry is -----
3. Name the Indian major carps.
4. Spoilage due to oxidation of fat in fish body is called -----
5. The byproduct prepared from the air bladder of fish is called -----
6. Expand FPC
7. Name a static gear used in the backwaters of Kerala.
8. Name the causative agent of anthrax.
9. The process of separating fat from milk is called -----
10. Name a polyunsaturated fatty acid present in fish flesh.

**(10 × 1 = 10 Marks)**

B. Answer any *ten* questions. Each question carries 2 marks.

11. What is cryopreservation?
12. Explain the nutritive value of egg.
13. What is casein? What is its importance?
14. Explain the role of zooplankton in fish production.
15. What is bacterial fish spoilage?
16. Differentiate between raft culture and rack culture.
17. Compare and contrast fish meal and fish flour.
18. Differentiate between deep litter system and battery systems of housing in poultry.
19. Briefly describe purse seine.
20. Discuss any two common diseases of cattle.
21. Distinguish between skimmed and toned milk.
22. What is intensive aquaculture?

**(10 × 2 = 20 Marks)**

C. Answer any *five* questions. Each question carries 6 marks.

23. Explain the diversity of aquaculture practices.
24. Explain aquarium management methods and feeding of aquarium fishes.
25. Describe the different methods of incubation employed in poultry.
26. Describe feed formulation and feeding management methods in fish culture.
27. Explain the general account and fishery value of Tuna.
28. Give a detailed description of exotic and indigenous breeds of fowl.
29. Discuss the common draft breed and milk breeds of cattle.
30. Give an account of pasteurization.

**(5 × 6 = 30 Marks)**

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

31. Explain the mussel farming techniques.
32. Discuss the different types of housing system used in poultry farming.
33. Give an overview on various methods of ensuring the quality of milk and its preservation.
34. Explain various fish preservation techniques.

**(2 × 10 = 20 Marks)**

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