

17U620

(Pages: 2)

Name: .....

Reg. No.....

**SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2020**

(CUCBCSS-UG)

(Regular/Supplementary/Improvement)

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

Zoology - Elective

(2015 Admission onwards)

Time: Three Hours

Maximum: 80 Marks

I. Answer *all* questions. Each question carries 1 mark:

1. The product made from shrimp waste is .....
2. The scientific name of silver carp is .....
3. The process of separating fat from milk is known as .....
4. The aquaculture system in which the different trophic levels are fully utilized.
5. Scientific name of Guppy is .....
6. What is colostrum?
7. Name two indigenous breeds of poultry.
8. What is Ranikhet disease?
9. What is meant by dual purpose breeds of cattle? Give an example.
10. .... is the favourite food of oil sardines.

**(10 x 1 = 10 Marks)**

II. Answer any *ten* questions in *two or three* sentences each. Each question carries 2 marks:

11. What is isinglass? What are its uses?
12. What is pasteurization?
13. What is remote sensing? Comment on its application in fisheries?
14. What is raft culture?
15. Write a note on *pokkali* culture?
16. What are purse seines?
17. Distinguish between capture and culture fisheries.
18. Name two exotic varieties of cow and their place of origin.
19. Write an account of the foot and mouth disease in cattle.
20. What are the important nutrients needed in poultry ration?
21. What is candling of eggs?
22. Differentiate between cage culture and pen culture.

**(10 x 2 = 20 Marks)**

III. Answer any *five* questions in not more than a *paragraph* each. Each question carries 6 marks:

23. Comment on the native breed of Kerala 'Vechur cows' and its conservation aspects.
24. Write an account of intensive system of housing in poultry farming. What are its merits and demerits?
25. Describe the procedure of induced breeding in prawns.
26. Comment on mudbanks.
27. Write an account of modern methods of fishing.
28. What are the methods of hatching in poultry rearing?
29. Briefly explain integrated fish farming.
30. Give an account of different culture techniques used in mussel farming.

**(5 x 6 = 30 Marks)**

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

31. Describe the post mortem changes in fish. Explain any four methods of fish preservation.
32. Give short notes on any five economically important fish byproducts.
33. Discuss the role of dairy development in rural economy and employment opportunities.
34. Briefly explain the scope of aquaculture in Kerala.

**(2 x 10 = 20 Marks)**

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