

**16U620**

(Pages: 2)

Name: .....

Reg. No.....

**SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2019**

(Regular/Supplementary/Improvement)

(CUCBCSS - UG)

**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 scientific name of Silver carp is -----
2. Write the economic importance of *Perna*.
3. What is the cause of Ranikhet disease?
4. Mention how Shagreen is produced?
5. What is an echosounder?
6. What is glazing?
7. ----- is used for inducing ovulation in fishes.
8. ----- is an exotic fish popularly called mouth breeding Cichlid.
9. What causes Anthrax in cattle?
10. What is the importance of Vechur cow?

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

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

11. Mention the principle of Pasteurization.
12. Write an account on two exotic cattle breeds.
13. Mention the symptoms of Fowl pox.
14. Comment on artificial brooders.
15. Mention how quality of milk is tested.
16. Explain the principle of Pearl culture.
17. Distinguish gill net and cast net.
18. Mention the importance of cryopreservation of fish germplasm.
19. What is eye stalk ablation?
20. What is Isinglass? Write its economic importance.
21. What is accelerated freeze drying?
22. What is harpooning?

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

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

23. Describe the cause and symptoms of Foot and mouth disease.
24. Explain the utilization of sewage in fisheries.
25. Describe the various fish preservation methods.
26. What is a mud bank? Mention its formation in Kerala coast.
27. Describe the induced breeding techniques employed in aquaculture.
28. Distinguish deep litter system and cage system employed in poultry.
29. Describe the importance of white revolution in our country.
30. Mention the procedure of pond preparation for aquaculture.

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

IV. Answer any *two* of the following questions. Each question carries 10 marks.

31. Discuss the scope and importance of aquaculture in India. Mention its export potential.
32. Mention the important fishes used in ornamental fish culture. Explain the strategies used for the management of aquarium.
33. Mention the different breeds of poultry and discuss their rearing process.
34. Discuss the role of dairy development in rural economy. Mention the dairy processes and products.

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

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