

**18P412**

(Pages: 2)

Name: .....

Reg. No.....

**FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2020**

(CUCSS - PG)

**CC17P ZO4 E11 - FISHERY SCIENCE II : CAPTURE AND CULTURE FISHERIES**

(Zoology)

(2017 Admissions onwards)

Time: Three Hours

Maximum: 36 Weightage

I. Answer *all* questions. Each question carries 1 weightage.

1. Barrage ponds
2. Importance of aquaculture.
3. *Harpodon nehereus*.
4. Fertilizers used in aquaculture.
5. Major protozoan diseases of fishes.
6. Importance of artificial feed.
7. Maintenance of aquarium.
8. Causes and symptoms of infectious dropsy.
9. Seaweed culture.
10. Cage culture.
11. Methods of fish transportation.
12. Mussel culture
13. Eye stalk ablation technique.
14. Economically important cephalopods.

**(14 x 1 = 14 Weightage)**

II. Answer any *seven* questions. Each question carries 2 weightage.

15. Classify aquaculture practices based on intensity of culture.
16. Major estuaries and their fishery potential.
17. Methods adopted for fish acclimatization.
18. Culture techniques of *Pinctada*.
19. Culture of cold water fishes.
20. Site selection for hatcheries.
21. Strategies for pest control in aquariums.
22. Salmon ranching.
23. Importance of cryo-preservation of gametes.
24. Major exotic carps of aquaculture importance.

**(7 x 2 = 14 Weightage)**

III. Answer any *two* questions. Each question carries 4 weightage.

25. Discuss the techniques of induced breeding of commercially important fishes.

26. Describe the techniques and importance of integrated fish farming.

27. Water quality parameters in aquaculture and describe the techniques for monitoring and management.

28. Write an essay on live feeds in aquaculture.

**(2 x 4 = 8 Weightage)**

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