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Name.....

Reg. No.....

FOURTH SEMESTER M. Sc. DEGREE EXAMINATION, APRIL 2019

(CUCSS – PG)

(Zoology)

CC17P ZO4 E11 – FISHERY SCIENCE II : CAPTURE AND CULTURE FISHERIES

(2017 Admission onwards)

Time: Three Hours

Maximum: 36 Weightage

I. Answer *all* questions.

1. Intensive aquaculture.
2. Raceways.
3. Eye stalk ablation.
4. Fungal diseases of fishes.
5. Ranching.
6. Long line culture.
7. Aquarium plants.
8. Economic importance of Tuna.
9. Biology of *Etroplus*.
10. Cryopreservation.
11. Treatment against viral pathogens.
12. Composite culture.
13. Crustacean fishery.
14. Pen culture.

(14 x 1 = 14 Weightage)

II. Answer any *seven* questions.

15. Reservoir fisheries in India.
16. Artificial feed in aquaculture.
17. Integrated fish farming in Kerala.
18. Protozoan infections in fishes.
19. Fishery of Bombay Duck.
20. Preparation and maintenance of aquarium.
21. Culture of exotic carp.
22. Strategies adopted in water quality management.
23. Genetic selection and hybridisation.

24. Site for construction of hatcheries.

(7 x 2 = 14 Weightage)

III. Answer any *two* questions.

25. Discuss the culture of economically important brackish water fishes.

26. Describe transportation and acclimatization procedures followed in India.

27. Role of hormone analogues in induced breeding of commercially important fishes.

28. Write an essay on live feed in aquaculture.

(2 x 4 = 8 Weightage)
