

D 91618

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Name.....

Reg. No.....

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, DECEMBER 2015

(CUCSS)

Zoology – Fishery Biology – II

ZO 03 ET 09 – CAPTURE AND CULTURE FISHERIES

Time : Three Hours

Maximum : 36 Weightage

I. Answer all *fourteen* questions. Weightage 1 :

1. Fin fishes.
2. Crabs.
3. Mussels.
4. Aquarium fishes.
5. Bombay duck.
6. Reservoir fisheries.
7. Polyculture.
8. Cage farms
9. Live feeds
10. Fertilizers used in Aquaculture.
11. Indian major carps.
12. Hatcheries.
13. Acclimatization.
14. Trout and masheer.

(14 × 1 = 14 weightage)

II. Answer any *seven* questions. Weightage 2 :

15. Control and treatment of bacterial disease of fishes.
16. Strategies of water-quality monitoring.
17. Pond design and construction.
18. Reproductive cycles of fishes.
19. Shrimps and Lobsters.

Turn over

20. Feeding habits and artificial feeds.
21. Integrated fish farming.
22. Cephalopods.
23. Control of reproduction in Fishes.
24. Classification of Aquacultural practices.

(7 x 2 = 14 weightage)

III. Answer any two questions. Weightage 4 :

25. Discuss the importance of culture of Oysters for food and commercially important pearls.
26. Give an account of major estuarine fisheries in India.
27. Discuss the role of hormone analogues in the induced breeding of commercially important fishes.
28. Explain major viral and fungal diseases and their control in fishes.

(2 x 4 = 8 weightage)