

2024
M.Sc.
Fourth Semester
DISCIPLINE SPECIFIC ELECTIVE – 03
ZOOLOGY
Course Code: MZOD 4.11 (B)
(Fish Biology - II)

Total Mark: 70
Time: 3 hours

Pass Mark: 28

Answer five questions, taking one from each unit.

UNIT-I

1. Discuss cold water fish and fisheries of India. 14
2. Describe the estuarine fishery resources of India. 14

UNIT-II

3. Enumerate the various methods of fish preservation. 14
4. Discuss the production and utilization of fish meal, fish guano and bone meal. 14

UNIT-III

5. Describe the practice of pen and cage culture in lentic and lotic water bodies. 14
6. Explain composite fish culture. Give the scientific name of fish use in composite fish culture. 12+2=14

UNIT-IV

7. Discuss the nutritional requirements of fishes. Add a note on the classification of feed ingredients. 10+4=14

8. Discuss the importance of live and artificial feeds for fish culture. 14

UNIT-V

9. Describe the various types of fish diseases, symptoms and prophylaxis. 14

10. Explain the methods for isolation and identification of fungi. Add a note on biological indicators. 9+5=14
