2023/TDC(CBCS)/ODD/SEM/ ZOODSE-502T/036

S. What is ichthyology?

TDC (CBCS) Odd Semester Exam., 2023

4. Give one example of Chondrichthyes

ZOOLOGY

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Se. What do you mean by hydrodynamics?

Course No.: ZOODSE_502T

. Define sammer ended ...
(Fish and Fisheries)

Pass Marks: 20

8. Name one fish artion & wismire hibit perental care.

The figures in the margin indicate full marks for the questions

SECTION TAL full entre still ATTION SECTION TO A SECTION

Answer fifteen questions, selecting any three from each Unit: Shahadhaba ya anom noy ob taging 15-15

11. What is inquistering TINUTY?

1. Give one example of elasmobranchs.

12. What is the suitable pH range for freshwater

2. What is clasper?

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24J/52)

(Turn Over)

2023 (TSC) OBCS/(ODD) SEM/ 700DBB-302T; 036

3. What is ichthyology?

4. Give one example of Chondrichthyes.

1.103(H)V UNIT-II

TDC (CECH) Old Semester Essm., 2023

5. What do you mean by hydrodynamics?

ZOOLES-TOPE

- 6. Define osmoregulation. Fish and Fisheres !
- 7. What do you mean by bioluminescence?
- 8. Name one fish species which exhibit parental care.

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UNIT-III

- 9. Write the full form of GIS.
- 10. What do you mean by catamaran?
- 11. What is lacusterine fishery?
- 12. What is the suitable pH range for freshwater pisciculture? Con stret matW. - 4

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22. Wast do you meaVI_TINU h? Give evangle.

- 13. What is pen culture?
- 14. What do you mean by hypophysation?
- 15. What is intensive pisciculture?
- 16. State the importance of gonadotropins.

- What is the full form of EUS?
- 18. Name one bacterial fish disease.
- 19. What do you mean by isinglass?
- 20. What is preservation?

SECTION-B

Answer five questions, selecting one from each Unit:

UNIT-I

29. Nature the project and there to which fight

21. State the anatomical and morphological differences between marine and fresh water sheesbooks Half of the fish.

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(Turn Over)

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22. What do you mean by catfish? Give example.

UNIT—II the pag at madW .E1

- 23. State the function of swim bladder.
- 24. Write a note on the significance of ctenoid at scale.

UNIT-III

is. State the innortence of gonadotropins

- 25. Give at least two causes of depletion of freshwater pisciculture.
- 26. Name at least four tributaries of Barak River system. Associated for the following system.

UNIT-IV

- 27. Give the scientific name of two aquarium fishes.
- 28. Define composite fish culture.

UNIT-V

- 29. Name the phylum and class to which fish louse belong.
- 30. Name at least two preservatives that are widely used in fish processing.

SECTION-C

Answer five questions, selecting one from each
Unit: 5×5=25

UNIT-I

- 31. Discuss the characteristic features of Dipnoi with example.
- 32. Write a note on feeding habit of Pisces with example.

UNIT-II

- 33. Discuss in detail the patterns of parental care in fishes with example.
- Write a detailed note on osmoregulation in marine fishes.

UNIT-III

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- 35. Write a note on 'fishery law and regulation' in India.
- 36. Discuss in detail the different fishing craft and gears used in Barak Valley.

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- 37. Discuss the advantages and disadvantages of pen and cage cultures.
- 38. Write notes on the following:
 - (a) Management of fin fish hatcheries
 - (b) Brood stock management

. Write a nor vin feeding habit of Esces with

UNIT-V

- 39. Discuss the different types of parasitic diseases found in fishes with suitable example.
- 40. Describe the different methods used in fish preservation for harvested fishes.

34. Write a detailed note on oampregulation in maxime fishes.

III-TIMU

- 35. Write a note on 'fishery law and regulation' in india.
 - 36. Thecurs in detail the different fishing craft and grats used in Bursk Valley.

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33. Discuss in detail the