

QP CODE: 24027459



Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE
EXAMINATIONS, OCTOBER 2024**

Third Semester

B.Sc Zoology Model II Aquaculture

VOCATIONAL COURSE - ZA3VOT05 - FISHERIES ENVIRONMENT

2017 Admission Onwards

5AECED25

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. What is Rheoplankton?
2. Give examples for ecological indicators with brief description.
3. What is a photosynthetic food chain? Write down a suitable example from aquatic environment.
4. Define Marine meteorology.
5. Comment on land breeze.
6. What is Stream?
7. Relevance of light in aquatic ecosystem.
8. Brief description on zooplankton with example.
9. Comment on seasonal fluctuation in the salinity of Estuaries.
10. What is Eutrophication.
11. What is PFZ?
12. Explain Sonic Scattering layer.

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Describe in detail the on Law of limiting factors.
14. Give an account of Ecological succession and different types of succession.
15. Comment on Monsoon trawl ban and its significance in capture fishery.
16. Detailed description on tides and its formation.
17. Give an account of marine sediments and its classification based on their origin.
18. Comment on C14 and chlorophyll techniques.
19. Explain mangrove ecosystem and its relevance.
20. Explain ecological and economic importance of corals.
21. Explain benthos sampling devices in detail.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Explain marine habitat and its zonation.
23. Explain primary production and estimation of primary productivity.
24. Give an account on biogeochemical cycles of nitrogen, phosphorus and sulphur.
25. Explain different types of fish finding devices.

(2×10=20)

