



21100609

QP CODE: 21100609

Reg No :

Name :

B.Sc DEGREE (CBCS) EXAMINATION, MARCH 2021

Third Semester

B.Sc Zoology Model II Aquaculture

VOCATIONAL COURSE - ZA3VOT05 - FISHERIES ENVIRONMENT

2017 Admission Onwards

CAF57BB2

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. What is limnoplankton?
2. Comment on Sere/seral stages.
3. Comment on Trophic levels.
4. Comment on cyclone.
5. Which are the two phases of moon in which neap tide occurs?
6. Comment on marine sediments.
7. Relevance of light in aquatic ecosystem.
8. Give four examples for secondary producers from marine environment.
9. Comment on estuary.
10. Economic importance of Sea cucumber and sea urchin.
11. What is the principle of Echo Sounder?
12. Explain Sonic Scattering layer.

(10×1=10)

Part B

*Answer any **six** questions.*

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





13. Explain Ecological Indicators, citing suitable examples?
14. What is a Photosynthetic Food Chain? Explain the different components of the Photosynthetic Food Chain.
15. Give an account of basic Marine Meteorology and air sea interactions.
16. Explain Weather and Formation of the Monsoon.
17. Comment on mud banks.
18. Write a note on different methods used for the measuring primary production.
19. Explain biogeochemical cycle of sulphur.
20. Comment on Sewage treatment.
21. Give an account on application of remote sensing in fishery sector.

(6×5=30)

Part C

Answer any two questions.

Each question carries 10 marks.

22. Comprehensive description on adaptations of rocky, muddy and sandy shore animals.
23. Explain primary production and estimation of primary productivity.
24. Elaborate on the ecology of mangrove ecosystem, its role and relevance.
25. Give an account on the various biological sampling devices.

(2×10=20)

