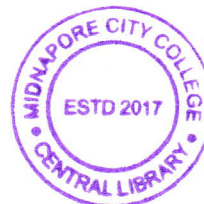


PG (CBCS)
M.SC. Semester- IV Examination, 2026
ZOOLOGY
 PAPER: ZOO 406A
(LIMNOLOGY AND OCEANOGRAPHY)

**Full Marks: 20****Time: 1 Hour**

The figures in the right-hand margin indicate full marks.
 Candidates are required to give their answers in their own words as far as practicable.

GROUP-A

Answer any **TWO** of the following questions: 2×2=4

1. Differentiate between epineuston and hyponeuston.
2. Mention the significance of Estuary.
3. Mention the advantages of reservoir fishery.
4. Differentiate between thermocline and pycnocline.

GROUP-B

Answer any **TWO** of the following questions: 2×4=8

5. Give a comparative account of different kinds of wetland.
6. Briefly describe about the oceanic zones.
7. Characterize lakes depending upon mixing pattern.
8. Comment on oil spills.

GROUP-C

Answer any **ONE** of the following questions: 1×8=8

9. Give an elaborate account on origin of lake. Comment on sewage fed fishery.

6+2

10. Give short note on:
 - i) Waste stabilization pond
 - ii) RS in fishery

4+4

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