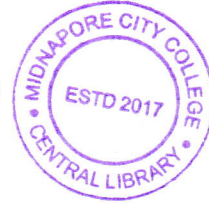


PG (CBCS)
M.A. & M.SC. Semester - IV Examination, 2026
GEOGRAPHY
PAPER: GEO 404 B
(COASTAL ECOLOGY AND HAZARDS)

**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-AAnswer any **TWO** of the following questions:

2×2=4

1. What are pneumatophores?
2. What is meant by dune-initiating plants?
3. Mention plant-animal interaction in sand dunes.
4. Briefly write the role of artificial seaweed in coastal protection.

GROUP-BAnswer any **TWO** of the following questions:

2×4=8

5. Explain the coastal protection methods against storm hazard.
6. Examine the ecological roles of mangrove.
7. Explain reproduction strategies of dune vegetation.
8. Examine the advantage of GIS applications in coastal studies.

GROUP-CAnswer any **ONE** of the following questions:

1×8=8

9. Describe the techniques of monitoring process-form relationship along wave-dominated coast.
10. Explain the role in sediment transfer along estuarine coast.

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