

2022

GEOGRAPHY — HONOURS

Paper : SEC-A-1

(Coastal Management)

Full Marks : 80

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

Category - A

Answer *any ten* questions (each within 50 words)

2×10

1. What is wave period?
2. Define tidal wave.
3. Differentiate between foreshore and backshore zones.
4. What is tsunami?
5. State any two impacts of oil exploration on coastal environment.
6. What is CRZ?
7. Define beach drift.
8. Discuss the causes of land reclamation.
9. What are the ill effects of oil spills?
10. Discuss any two problems of dredging.
11. What is meant by wave refraction?
12. What do you understand by beach stabilization?
13. Bring out the differences between spring tide and neap tide.
14. Define storm surge.

Please Turn Over

Category - B

Answer *any six* questions (each within 150 words)

5×6

15. How can coastal floods be managed?
16. What are the roles of different morphogenic factors that shape the coastal landforms?
17. What are the negative impacts of land reclamation in coastal zones?
18. What problems are associated with dune degeneration in coastal zones?
19. Explain the role of tides in evolution of coastal forms.
20. Why is coastal erosion considered to be a major hazard in West Bengal?
21. Discuss the measures necessary to manage coastal pollution.
22. What are the causes of estuarine sedimentation?

Category - C

Answer *any three* questions (each within 500 words)

10×3

23. Describe the different components of coast with the help of diagrams.
 24. Evaluate the impacts of mining on coastal environment.
 25. Discuss the structural measures necessary to control coastal flood.
 26. Discuss the impacts of land reclamation on coastal environment with examples.
 27. Discuss the importance of Exclusive Economic Zone with reference to India.
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