

2025

GEOGRAPHY — HONOURS

Paper : DSCC-11

(Hazard Management)

Full Marks : 75

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. Distinguish between Hazard and Disaster.
2. What is trauma of hazard?
3. What are the different hazard paradigms?
4. What is rock fall?
5. Define flash flood.
6. What is a fire triangle?
7. What is meant by the epicentre of earthquake?
8. State any two elements of resilience building.
9. What is soil creep?
10. Name two major landslide-prone regions of West Bengal.
11. What do you mean by hazard continuum?
12. State two functions of NDRF.
13. What is anthropogenic hazard?
14. Define Bio-war.

Please Turn Over

(4091)

Category - B

Answer **any five** questions (each within **125** words).

5×5

15. What is meant by capacity building in hazard management?
16. What are the main factors responsible for causing earthquakes?
17. Explain the role of mangroves of Sundarban region in minimizing the impacts of cyclones.
18. Suggest mitigation measures of land subsidence.
19. Discuss the geospatial techniques adopted for hazard management.
20. Describe the stages of disaster preparedness and response.
21. State why West Bengal's coastline is prone to erosion.

Category - C

Answer **any two** questions (each within **500** words).

15×2

22. Discuss risk perception and vulnerability assessment as approaches to hazard study.
 23. State the factors favouring the development of tropical cyclones and describe their consequences on environment and livelihood.
 24. Explain the processes and management of riverbank erosion in India with suitable examples.
 25. Define bio-hazards and discuss about the consequences of different bio-hazards.
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