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B.Sc./6th Sem (H)/GEO/23(CBCS)

2023

6th Semester Examination

GEOGRAPHY (Honours)

Paper : C 14-T

[Disaster Management]

[CBCS]

Full Marks : 40

Time : Two Hours

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

Group - A

Answer any *five* questions : $2 \times 5 = 10$

1. What is disaster resilience?
2. What are the differences between hazard and disaster?
3. What is disaster risk reduction?
4. Write down the importance of capacity building in disaster management.
5. Mention the factors for the development of temperate cyclones.

P.T.O.

(2)

6. Define safety factor in landslide disasters.
7. What do you mean by hazard mapping?
8. Mention the major impacts of forest fires on human livelihood.

Group - B

Answer any *four* questions : $5 \times 4 = 20$

9. What do you mean by hazard paradigm? Write down the importance of hazard paradigm in the study of disaster management. $2+3$
10. Classify hazards based on the nature of occurrences.
11. Briefly describe the role of GIS techniques in hazard mapping.
12. How sea surface temperature and rotation of the earth are correlated to the formation of tropical cyclones?
13. How the tectonic activities trigger the formation of earthquakes?
14. Why are the increases in anthropogenic activities related to the increase in landslides in mountainous regions?

Group - C

Answer any *one* question : $10 \times 1 = 10$

15. Briefly describe the role of preparedness to reduce the vulnerability of disaster. Explain how hazard resilience would be effective in the post-hazard scenario. $4+6$

16. Explain the management strategies that should be implemented to reduce the impacts of earthquakes in mountainous regions. Why is the forest of Jangalmahal areas more prone to forest fires than the Dooars forest?

6+4
