



**WEST BENGAL STATE UNIVERSITY**  
B.A./B.Sc. Honours 5th Semester Examination, 2021-22

**GEOACOR12T-GEOGRAPHY (CC12)**

**DISASTER MANAGEMENT**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.  
Candidates should answer in their own words and adhere to the word limit as practicable.  
All symbols are of usual significance.*

**CATEGORY-A**

**Answer any *one* question from the following (within 600 words)** 10×1 = 10

1. Explain the mechanism of riverbank erosion highlighting its socio-economic impact. 6+4
2. Distinguish between risk and vulnerability of hazards. Describe the different pre-disaster management programmes. 4+6

**CATEGORY-B**

**Answer any *four* questions from the following (within 150 words each)** 5×4 = 20

3. Differentiate between Hazard and Disaster.
4. Write a short note on the different types of seismic waves.
5. Describe the impact of tropical cyclones on Sundarbans.
6. Briefly discuss the key features of the National Disaster Management Act, 2005.
7. Discuss the role of afforestation in combating riverbank erosion.
8. Discuss different phases of Disaster Management in India.
9. Why the Himalayas are more prone to earthquakes than the Western Ghats?

**CATEGORY-C**

**Answer any five questions from the following (within 50 words each)**

**2×5 = 10**

10. Define seismic gap.
11. Define man made hazards with two suitable examples.
12. What do you understand by capacity building in hazard management?
13. Give two uses of hazard maps.
14. Discuss two roles of geo-spatial technology in disaster management.
15. Define hazard paradigm.
16. Give the names of data sources for preparing hazard maps.
17. Which are the nodal agencies of hazard management in India?
18. Define landfall.
19. What is hazards preparedness?

**N.B. :** *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

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