



**WEST BENGAL STATE UNIVERSITY**  
B.A./B.Sc. Honours 5th Semester Examination, 2020, held in 2021

**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. What are the factors responsible for major cyclonic landfalls in Indian subcontinents? How can we reduce the worse effect of cyclones by proper management? 6+4 =10
2. What are the differences between hazard and disaster? Explain different approaches to hazard study. 3+7=10

**CATEGORY-B**

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

3. What is meant by disaster preparedness-Explain with examples.
4. Distinguish between *quasi natural* and *man made* hazards with examples.
5. What are the damage magnitudes according to the Richter scale?
6. How geospatial techniques are applied for hazards mapping?
7. What measures can be taken to combat the problem of bank erosion of the Ganga in Malda and Murshidabad district?
8. What do you understand by capacity building in hazard management?
9. What are the post-disaster management strategies of earthquake?



**CATEGORY-C**

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

10. What is hazard mapping?
11. What is meant by preparedness in disaster mitigation?
12. What is meant by aftershock of an earthquake?
13. What is risk perception?
14. What do you mean by anthropogenic hazard?
15. What is trauma in hazard response?
16. What is the 'eye' of a cyclone?
17. What is vulnerability index?
18. Define resilience with respect to hazards.
19. Write about two major impacts of human activities on riverbank erosion.

**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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