



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY
Question Paper

B.Sc. Honours Examinations 2022
(Under CBCS Pattern)
Semester - VI
Subject : GEOGRAPHY
Paper : C 14 - T
Disaster Management

Full Marks : 40

Time : 2 Hours

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

Group - A

Answer any **four** of the following questions :

5×4=20

1. Mention the Aims and Objectives of Indian Tsunami Early Warning System. 5
2. What are the differences between hazard and disaster? What is disaster resilience? 3+2=5
3. Mention the procedures to assess the vulnerability of hazards 5
4. How are sea surface temperature (SST) and upper wind disturbance related to the formation of tropical cyclones? 5
5. Briefly discuss the role of Plate tectonic activities in the occurrences of an earthquake. 5

6. What are the factors for a forest fire? How are the fires vulnerable to the livelihood of people? 2+3=5

Group - B

Answer any *two* questions : 10×2=20

1. What do you mean by hazard mapping? Describe the techniques that are used for hazard mapping. 2+8=10
2. How does Natural Disasters affect human health? 10
3. Differentiate trauma and aftermath of hazard. Explain how the management of hazard resilience would be effective in the post-hazard scenario. 4+6=10
4. Classify hazards based on the nature of occurrences. How landslides could be a disaster to excessive rainfall in the Darjeeling Himalaya. 3+7=10
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