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- (b) Explain the importance of public-private partnerships in disaster management, with specific examples. (7)

(500)

[This question paper contains 4 printed pages.]

**Your Roll No.....**

**Sr. No. of Question Paper : 1208**

**I**

Unique Paper Code : 2183010015

Name of the Paper : Natural Hazards and Disaster Management (DSE-9)

Name of the Course : **B.Sc. (H) Environmental Sciences**

Semester : V

Duration : 2 Hours

Maximum Marks : 60

**Instructions for Candidates**

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Attempt any **four** questions.
3. All questions carry equal marks.

P.T.O.

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1. Write short notes on the following: (5×3=15)

- (a) Tsunami early warning systems
- (b) Causes and mitigation of urban flooding
- (c) Role of One Health approach in disaster management

2. Differentiate the following (any three): (5×3=15)

- (a) Geological hazards and Meteorological hazards
- (b) Epidemics and Pandemics
- (c) River flooding and Coastal flooding
- (d) Emergency response and Disaster recovery

3. (a) Discuss the role of climate change in amplifying hydrological hazards. Provide relevant examples. (8)

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(b) Comment on the statement: "Disaster preparedness is more cost-effective than disaster recovery." (7)

4. (a) Elaborate upon the technological risk assessment process and its relevance in industrial accident prevention. (8)

(b) Explain the relationship between technological hazards and natural hazards using real-world examples. (7)

5. (a) Justify the significance of gender considerations in disaster response and recovery frameworks. (8)

(b) Analyze the psychological impacts of disasters on affected communities and propose strategies to mitigate these impacts. (7)

6. (a) Propose a comprehensive plan for community-based disaster preparedness and resilience building. (8)

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