

**B.Sc. Semester-VI Examination, 2022-23****ENVIRONMENTAL SCIENCE [Honours]**

Course ID : 61816 Course Code : SH/ENV/603/DSE-3

Course Title : Natural Hazards and Disaster Management

Time : 1 Hour 15 Minutes Full Marks : 25

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.***UNIT-I**1. Answer any **five** of the following questions:

1×5=5

- What do you mean by dormant volcano?
- Define hazard.
- What is MIC?
- What do you mean by epicentre?
- Define endemic.
- What is GLOF?
- Which element is responsible for minamata disease?
- What is famine?

**UNIT-II**2. Answer any **two** of the following questions:

5×2=10

- What are various types of seismic waves?
- Write a note on geological hazard.
- How geoinformatics can be applied for hazard assessment?
- Describe the role of IMD in disaster management.

**UNIT-III**3. Answer any **one** of the following questions:

10×1=10

- What do you mean by drought? Discuss briefly about the different types of drought. What are the main causes of drought? 2+4+4
- What do you mean by hazard mitigation? Discuss structural and non-structural hazard mitigation with examples. Write the role of media in hazard preparedness. 2+6+2

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