

**B.Sc. 6<sup>th</sup> Semester (Honours) Examination, 2021**

**Environmental Science**

**Course ID: 61816**

**Course Code: SH/ENV/603/DSE-3**

**Course Title: Natural Hazards and Disaster Management**

**Time: 1 hr 15 Min.**

**Full Marks: 25**

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

**1. Answer any five from the following questions: 1 X 5= 5**

- a) Define Pandemic.
- b) What do you mean by deforestation?
- c) What is Seismic wave?
- d) What is difference between Tornado and Cyclone?
- e) What is landslide?
- f) Expand IMD.
- g) Which element is responsible for Minamata disease?
- h) What do you mean by Glacial Lake?

**2. Answer any two from the following questions: 5 X 2= 10**

- a) Describe the causes of occurrence of Tsunamis.
- b) Discuss briefly the causes and effects of Mangrove destruction.
- c) How geo-informatics can be applied for hazard assessment.
- d) Describe the role of NDMC in disaster management.

**3. Answer any one from the following questions: 10 X 1= 10**

- a) What do you mean by volcano? Discuss briefly about the different types of volcano and its main causes. 2+ 8
- b) What do you mean by hazard mitigation? Discuss briefly the causes and after effects of Bhopal Gas Disaster. 2+8