

ACTIVITY CODE: 1903093021

B.Sc. 6th Semester (Programme) Examination, October 2020

Subject: ENVIRONMENTAL SCIENCE

Course ID: 61818

Course Code: SP/ENV/601/DSE-1B

Course Title: Natural Hazards and Disaster Management

Full Marks: 20

Time: 1 Hour

The figures in the margin indicate full marks

Answer all the questions.

UNIT I

1. Answer *any five* of the following:

1X5=5

- a) Define Hazard.
- b) Define Epidemic.
- c) What is Magma?
- d) What do you mean by active volcano?
- e) What is epicentre?
- f) Expand NDMC.
- g) Which element is responsible for minamata disease?
- h) Expand GLOF.

UNIT II

2. Answer *any three* of the following:

5X3=15

- a) Describe various types of Seismic Waves. 5
- b) Discuss briefly the causes and effects of deforestation. 5
- c) Explain the role of geoinformatics in hazard assessment. 5

- d) Describe the role of media in disaster management. 5
- e) What do you mean by landslides? What are the main causes of landslides? 2+3=5
- f) What do you mean by hazard mitigation? What are the different types of hazard mitigation? 2+3=5