

Roll No. : .....

Total No. of Questions : 7 ] [ Total No. of Pages : 3

## **OLE-70726**

**M.Sc. 3rd Semester (Open Elective Course) (PG)  
Under CBCS Online Examination, April-2021**

**ENVIRONMENTAL SCIENCE**

**Paper-16ENVO2**

**(Disaster Management)**

*Time : Three Hours ]*

*[ Maximum Marks : 80*

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*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

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*Note :- Attempt five questions in all, selecting at least one question from each Unit. Question No. 1 is compulsory. All questions carry equal marks*

*Go to Settings to activate Windows.*

1. Define the following :

- (b) Asthenosphere
- (c) Country rocks
- (d) Caldera
- (e) Movement magnitude scale
- (f) Love wave
- (g) Anticyclone
- (h) Plate tectonic 2×8=16

**Unit-I**

2. Discuss the following :
  - (a) Definition of disaster and its causes
  - (b) The four phases of disaster 8,8
3. Write notes on the following :
  - (a) Beach protection
  - (b) Rapid onset and slow onset disaster 8,8

**Unit-II**

4. Discuss the following :
  - (a) Structure, nature and types of cyclones
  - (b) Volcanic landforms 8,8

5. Write notes on the following :
  - (a) Causes and physical characteristics of Tsunami
  - (b) Integrated flood management and information system 8,8

**Unit-III**

6. Write notes on the following :
  - (a) Scale of earthquake
  - (b) Landslides 8,8
7. Write notes on the following :
  - (a) UN draft resolution on strengthening of co-ordination of humanitarian emergency assistance.
  - (b) Disaster Early warning systems 8,8