MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hons.) Agriculture/ Forestry

Semester	: **III (New)**	**Term**	: **I**	**Academic Year**	: **2019-20**
Course No.	: ESDM 231/ EVS 231	**Title**	: **Environmental Studies and Disaster Management**		
Credits	: 3(2+1)				
Day & Date	: Wednesday, 06.11.2019	**Time**	: 09.00 to 12.00	**Total Marks**	: **80**

Note :
1. Solve **ANY EIGHT** questions from **SECTION "A".**
2. All questions from **SECTION "B"** are compulsory.
3. All questions carry equal marks.
4. Draw neat diagrams wherever necessary.

SECTION "A"

Q.1 Define the term 'Biodiversity' Give its classification and explain in detail about the conservation of biodiversity.

Q.2 Define pollution. Enlist different types of pollution and explain the causes, effects and control measures of water pollution.

Q.3 What is ecosystem? Give the classification of ecosystem and explain in brief the grassland ecosystem.

Q.4 Define Disaster. Give detail classification of disaster. Explain in brief about flood disaster.

Q.5 Define environmental studies. Write its scope and importance.

Q.6 What is greenhouse effect? Explain impact of global warming on agriculture.

Q.7 Enlist different acts. Write in brief the reliant features of Environment (protection) Act, 1986.

Q.8 What is disaster management?

a) Explain different phases of disaster management.

b) Explain the role of NGOs in disaster management.

Q.9 Define natural resources. Classify the natural resources with examples and give in brief the importance of forest resources.

Q.10 Write short notes:

a) Ecological Pyramid

b) Carbon sequestration

SECTION "B"

Q.11 a) Define the following terms.

1) Endangered species

2) Biosphere

3) Food chain

4) Habitat

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b) Give full forms of the following.

1) AIDS

2) IPCC

3) WHO

4) BSI

Q.12 Fill in the blanks.

1) The environment which has been modified by human activities is called _____ environment.

2) Short term properties of the atmosphere at a given place and time is referred as_____.

3) Extensive planting of trees to increase cover is called _____.

4) The area reserved for welfare of wildlife is called _____.

5) The pyramid of _____ is always upright.

6) The unit used for measuring the intensity of earthquakes is _____.

7) The World Environment Day is celebrated on _____ _____.

8) The thinning of stratosphere ozone layer during the spring time is called _____.

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