MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION
B.Sc.(Hons.) Agriculture / B.Sc.(Hons.) Forestry

Semester	: III (New)	Term	: First	Academic Year	: 2023-24
Course No.	: ESDM 231/ EVS 231	Title	: Environmental Studies and Disaster Management		
Credits	: 3 (2+1)				
Day & Date	: Monday, 11.12.2023	Time	: 9:00 to 12:00 hrs.	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 diagram wherever necessary.

SECTION 'A'

Q.1 Define Environment. Explain in detail scope and importance of environmental science.

Q.2 What is Disaster? Give the classification of disasters. Explain in brief various natural disasters.

Q.3 Define the term 'Biodiversity'. Give its classification and explain in detail about conservation of biodiversity.

Q.4 Define Pollutant. Give the classification of pollutants. Explain control measures of water pollution.

Q.5 Define Natural resources. Classify natural resources along with examples and explain in brief the ecological importance of forest conservation.

Q.6 What is Ecosystem? Give the classification of ecosystem and explain in brief the pond ecosystem.

Q.7 Enlist the different acts passed by the Government of India to protect environment. Describe the Forest Conservation Act, 1980.

Q.8 What is Carbon credit? Explain the types of carbon credits and write its advantages and disadvantages.

Q.9 What do you mean by Information Technology? Enlist different IT tools/ technologies useful in environment and explain role and application of IT in environmental protection.

Q.10 Write short notes on (Any Two):

a) Food chain b) Rain water harvesting c) Women and child welfare

SECTION 'B'

Q.11 Define the following terms:

1) Afforestation 2) Decomposers 3) Ozone hole 4) Ecological pyramid

5) Acid rain 6) Eutrophication 7) Global warming 8) Lentic

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Q.12 Fill in the blanks:

1) _____ radiations are absorbed by ozone layer.

2) _____ is an example of omnivore.

3) The Wild Life Protection Act was passed in the year _____.

4) Interlocking of food chains is known as _____.

5) Autotrophs are also called as _____.

6) The term 'Ecosystem' was introduced by _____.

7) The maximum average permissible noise level during day time as per Environment Protection Act in India is _____.

8) _____ are always upright.

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