

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	: 2022-23
Course No.	: ESDM 231/ EVS 231	Title	: Environmental Studies and Disaster Management		
Credits	: 3(2+1)				
Day & Date	: Monday, 06.02.2023	Time	: 09:00 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. Enlist different protection acts of environment. Explain Forest Conservation Act.
- Q.2 Define natural resource. Enlist types of natural resources. Explain in detail renewable resources with example.
- Q.3 Define ecosystem. Explain structural and functional components of an ecosystem.
- Q.4 Define environmental studies. Explain scope and importance of environmental studies.
- Q.5 Define information technology. Explain the role of information technology in environment protection.
- Q.6 What is disaster? Enlist types of disaster. Explain flood and earthquake and their mitigation measures.
- Q.7 Define pollution. Enlist different types of pollution. Explain causes and control measures of water pollution.
- Q.8 Define sustainable development. Explain the measures for sustainable development.
- Q.9 Define biodiversity. Give types of biodiversity. Explain the conservation of biodiversity.
- Q.10 Write short notes (Any Two):
- a) Green house effect
 - b) Energy flow in ecosystem
 - c) Acid rain

SECTION 'B'

- Q.11 Define the following terms:

- | | |
|-----------------|--------------------------|
| 1) Energy flow | 2) Savannah |
| 3) Commensalism | 4) Carbon sequestration |
| 5) Food web | 6) Ecological succession |
| 7) Volcano | 8) Habitat |

(P.T.O.)

Q.12 Do as directed:

- 1) Give the full form of TDS.
- 2) Who gave the term 'Ecosystem'?
- 3) What is the unit for measurement of noise pollution?
- 4) Give an example of nuclear disaster.
- 5) Pyramids of energy are always in _____ direction of shape.
- 6) What is meant by producer?
- 7) Name the gas responsible for Ozone depletion.
- 8) Which gases are responsible for global warming?

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