

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) A.B.M.

Semester	: VI (New)	Term	: Second	Academic Year	: 2022-23
Course No.	: BM 367	Title	: Environmental Studies and Disaster Management		
Credits	: 2 (2+0)				
Day & Date	: Wednesday, 12.07.2023	Time	: 14:00 to 17:00 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 the scope and importance of environmental studies.
- Q.2 What are the natural resources? Describe the use of forest resources.
- Q.3 Explain the role of an individual in conservation of natural resources.
- Q.4 Describe the functions of ecosystem.
- Q.5 What is ecosystem? Explain the types of ecosystem.
- Q.6 Write in detail about biodiversity at global and national level.
- Q.7 What is ecological succession? Explain the concept of food chain.
- Q.8 Define pollution. Explain in detail types of pollutant.
- Q.9 Write in detail about the natural disaster.
- Q.10 Explain in detail the role of individual in prevention of pollution.

SECTION 'B'

Q.11 Fill in the blanks:

- 1) The study of reciprocal relationship between organisms and their environment, is called as _____.
- 2) Herbivores are _____ consumers.
- 3) Every food chain starts with a _____.
- 4) Each step in a food chain represents a _____.
- 5) The pyramid of _____ is always upright.
- 6) Dead plant parts and animal remains are called _____.
- 7) The ecological factors related to soil and substratum, is called as _____.
- 8) Diversity between the communities is called as _____.

Q.12 State True or False:

- 1) The term 'Disaster' is derived from the French word 'Desastre'
- 2) Feed web is a network of food chains.
- 3) The term 'Ecology' was coined by Ernst Haeckel in 1869.
- 4) Natural ecosystems are broadly classified as terrestrial and aquatic ecosystems.
- 5) Ozone layer is present in the mesosphere.
- 6) The primary cause of acid rain around the world is sulphur dioxide.
- 7) Grassland ecosystem is a type of terrestrial ecosystem.
- 8) Biotic components are non-living, chemical and physical factors in environment.

