

Total No. of Questions: 6

Total No. of Printed Pages: 2



Enrollment No.....

Faculty of Agriculture
End Sem Examination Dec-2023
AG3MC06

Environmental Studies & Disaster Management

Programme: B.Sc. (Hons.) Branch/Specialisation: Agriculture

Duration: 3 Hrs.**Maximum Marks: 60**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d. Assume suitable data if necessary. Notations and symbols have their usual meaning.

- Q.1 i. The word "environment" derived from _____. **1**
 (a) Environner (b) Environner
 (c) Environ (d) Environe
- ii. Which of the following day is celebrated in the form of World Environment Day? **1**
 (a) 10th June (b) 05th June (c) 16th June (d) 17th June
- iii. The term ecosystem was introduced by which scientist? **1**
 (a) Arthur Hailey (b) Arthur Tansley
 (c) Arthur Folley (d) E.P. Odum
- iv. Which is the renewable exhaustible natural energy resource? **1**
 (a) Coal (b) Kerosene (c) Petrol (d) Biomass
- v. The natural place of an organism or community is known as _____. **1**
 (a) Niche (b) Habitat (c) Biome (d) Habit
- vi. Overgrazing is responsible for causing _____. **1**
 (a) Soil depletion (b) Floods
 (c) Earthquake (d) None of these
- vii. Which of the following are primary pollutants? **1**
 (a) CO (b) SO₂ (c) NO (d) All of these
- viii. The environment which has been modified by human activities is called- **1**
 (a) Natural environment (b) Anthropogenic environment
 (c) Urban environment (d) Modern environment

- ix. National Disaster Management Authority of India established in _____. **1**
 (a) 2005 (b) 2006 (c) 2007 (d) 2008
- x. In which city the National Institute of Disaster Management is situated? **1**
 (a) Nagpur (b) Delhi (c) Bangalore (d) Indore

- Q.2 i. Define environment. **1**
 ii. What is the importance of environmental studies? **2**
 iii. How would public awareness and rural outreach help to protect our environment? **5**
- OR iv. What is sustainable development? How can we attain sustainable development? **5**
- Q.3 i. What are natural resources? **1**
 ii. Discuss the causes and consequences of deforestation. **3**
 iii. Describe various water resources. **4**
- OR iv. Write the role of an individual in conservation of natural resources. **4**
- Q.4 i. Define ecosystem and ecology. **2**
 ii. Explain the food chain and food web with various trophic levels. **6**
- OR iii. What do you mean by biodiversity? Describe In-situ and Ex-situ conservation of biodiversity. **6**
- Q.5 i. Define environmental pollution. **2**
 ii. How to overcome environmental pollution? **2**
 iii. Explain the different sources and types of solid wastes and its management. **4**
- OR iv. Explain soil pollution, water pollution with example. **4**
- Q.6 Attempt any two: **4**
 i. Explain national disaster management. **4**
 ii. Write a note on concept of disaster management explain the community-based disaster management. **4**
 iii. Describe natural and man-made disasters, their types and effects. **4**
