

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Agriculture) (Sem.-6)
ENVIRONMENTAL SCIENCE & DISASTER MANAGEMENT

Subject Code : BSAG-605

M.Code : 74348

Date of Examination : 11-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Write short notes on :

- a) Define Environment. What are the different spheres of environment?
- b) Differentiate between renewable and non-renewable resources giving examples of each.
- c) Differentiate between endangered and endemic species.
- d) Define adaptability.
- e) List any four effects of Thermal Pollution.
- f) Why is 'rising sea level' due to global warming considered a natural disaster?
- g) What is meant by biodiversity? Why is it important to preserve biodiversity?
- h) List any four adverse environmental effects due to agriculture.
- i) Is it possible to consider environmental protection as part of human rights? Why?
- j) List any four laws/acts in India to deal with disaster management.

SECTION-B

2. Discuss unequal consumption patterns between developed and developing countries from the point of view of sustainable development.
3. Sketch and explain the ecological pyramid in respect of a grassland ecosystem.
4. Explain the role of standards in pollution control and environmental management.
5. Write short notes on :
 - a) Energy plantation and carbon sequestration
 - b) Biomass and biogas.
6. Discuss the various disaster management strategies.

SECTION-C

7. Explain the salient provisions of any four environmental management laws in India.
8. How are human health and environment related? What are the agriculture related reasons for the occurrence of various types of cancer? How can these be prevented and controlled?
9. Explain the causes and effects of air pollution by describing any urban and industrial area that you have visited.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.