

2209A004

2. Differentiate between renewable and non-renewable natural resources. Discuss the role of sustainable agriculture in conservation of natural resource.
3. What do you understand by the term 'biodiversity'? How it is related to the availability of genes, species and ecosystem of a region?
4. Explain the impacts of environmental pollution on agriculture. How sustainable agriculture can contribute in reducing environmental pollution?
5. What do you understand by food chains and food webs, explain with suitable examples?
6. Define deforestation. What are the main causes, effects and control measures of deforestation?
7. Discuss the major threats to biodiversity and various methods of biodiversity conservation.
8. What are the major sources of solid waste? What measures can be taken to manage the waste generated from agriculture.

==END OF PAPER==

2209A004

**B Voc Agriculture**  
**Subject: EVS**  
**Subject Code: AGR 605**  
**Semester: Third**  
**Session: - September 2022**  
**Theory (External): 35 Marks**  
**Time: 03 Hours**

**Instructions to the Students**

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 1 marks.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 5 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

**Roll Number**

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**SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)**  
(10x1= 10Marks)

- A. The objective of Environmental studies is to
- Raise consciousness about environment conditions
  - Teach environmentally appropriate behavior
  - Create an environmental ethic sensitive society
  - All of the above
- B. Eutrophication means
- thermal change in water
  - solid waste pollution in water
  - filling up of water body with excess nutrients
  - None of the above
- C. Lowest layer of atmosphere is called
- Thermosphere
  - Stratosphere
  - Troposphere
  - Mesosphere
- D. The term ecosystem was first proposed by .....
- M C Mehta
  - E P Odum
  - A G Tansley
  - Ernst Haeckel
- E. Sequence of eating and being eaten in an ecosystem is called
- Food webs
  - Natural cycle
  - Ecological Pyramid
  - Food chain
- F. The UN Conference on Human Environment (1972) was held at
- Rio de Janeiro
  - Stockholm
  - Geneva
  - Johannesberg

- G. Which of the following is secondary pollutant?
- CO<sub>2</sub>
  - CO
  - O<sub>3</sub>
  - SO<sub>2</sub>
- H. The atmospheric greenhouse effect is produced mainly by the
- Adsorption & re-emission of visible light by the atmosphere
  - Adsorption & re-emission of ultraviolet radiation by the atmosphere
  - Adsorption & re-emission of infrared radiation by the atmosphere
  - Adsorption & re-emission of visible light by the earth
- I. Conservation within the natural habitat is
- Ex-situ conservation
  - In-situ conservation
  - Ex-vivo conservation
  - In-vivo conservation
- J. Burning of coal produces oxides of sulphur and nitrogen which combined with water vapours leads to \_\_\_\_\_.
- Acid rain
  - Brackish water
  - Forest fire
  - Soil pollution

**SECTION –B (ESSAY TYPE QUESTIONS)**  
(5x5=25 Marks)

1. Define environment and discuss its multidisciplinary nature.