

D.VOC Mechanical Manufacturing**Subject: EVS****Subject Code: EVS-401****Semester: Third****Session: -September 2022****Theory (External): 70 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 2 marks.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 10 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

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SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x2=20 Marks)

- A. Define desertification
- B. What are soil fertility?
- C. What is soil leaching?
- D. Define overgrazing. What are the effects of overgrazing?
- E. Distinguish between water logging & Salinity.
- F. Define environmental impact statement
- G. State the need for public awareness for solving environmental problems.
- H. What is acid rain?
- I. What is rainwater harvesting?
- J. Define green house effect.

SECTION –B (ESSAY TYPE QUESTIONS)
(5x10=50 Marks)

1. Give some examples of greenhouse gasses. What are the important causes of climate change? What is ozone layer depletion? What Is Meant By ISO14000?
2. Name any four environmental protection acts. What are the effects of global warming?

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3. Discuss the scope, importance and multidisciplinary nature of environmental studies.
4. What are ecosystems and types of ecosystems? Describe abiotic and biotic components of the ecosystem.
5. What is deforestation? Elaborate the major consequences of deforestation.
6. Define biodiversity. Write in detail the major causes and consequences of biodiversity loss.
7. Write short notes on the following :
 - a. Soil erosion
 - b. Ozone layer depletion
8. Define energy resources. Explain the major types of non-renewable energy resources.

==END OF PAPER==