



SHRI VISHWAKARMA SKILL UNIVERSITY

(A State Skill University, setup by an Act of Legislature in 2016)

185031

Course : D.Voc. Industrial Electronics
Subject : Environmental Studies
Subject Code : ZDGE-105
Semester : First
Duration : 3 Hours
Maximum Marks : 70

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 mark.
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.

Roll Number

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SECTION –A (OBJECTIVE TYPE QUESTIONS)

(10x2=20 Marks)

- Q1. Define environment.
- Q2. What is the importance of forests in human life?
- Q3. What is different between natural and artificial ecosystem?
- Q4. Define atmosphere and its role.
- Q5. Describe green revolution.
- Q6. What is different between primary and secondary pollutants?
- Q7. What is thermal inversion?
- Q8. What do you understand by “modern industrialized agriculture”?
- Q9. Explain greenhouse effect.
- Q10. Describe food chain and food web in an ecosystem.

SECTION –B (ESSAY TYPE QUESTIONS)

(5x10=50 Marks)

- Q1. Explain different types of renewable and non-renewable energy sources along with their advantages and disadvantages (5+5 marks).
- Q2. What are different types of water resources in India? Explain any two water conflicts in Indian context (6+4 marks).
- Q3. Describe how different species interacts and adapts in natural environment (10 marks).
- Q4. Explain the structure and composition of atmosphere (10 marks).
- Q5. Explain various causes and problems of urbanization (5+5 marks).
- Q6. Write down the causes and effects of air pollution (7+3 marks).
- Q7. Write elaborate notes on: (5+5 marks).
 - a) Photochemical smog
 - b) Ozone layer depletion
- Q8. Explain the following: (5+5 marks)
 - a) Energy flow in ecosystem
 - b) Food resources

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