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

- Q1 Differentiate between renewable resources and non-renewable resources with examples.
- Q2 Write Short notes on the following:
(i) Ecological Pyramids
(ii) Energy Flow in the Ecosystem
- Q3 Define thermal pollution. Write in detail about the cause, effect and prevention of thermal pollution.
- Q4 What is Nuclear hazard? How nuclear hazard can be managed? Describe in details.
- Q5 What is the difference between Effluent Treatment Plant (ETP) and Sewage Treatment Plant (STP)? Explain in detail.
- Q6 Explain the types of landfills? Which landfill type is better for municipal solid waste management in India with explanation?
- Q7 What do you understand by the Forest Conservation Act, 1980? How an individual person can conserve forest? Explain it with suitable example.
- Q8 What is Kyoto Protocol? Explain its role in combating climate change?

===END OF PAPER===

2112E057

BACHELOR OF VOCATION
Subject: EVS
Subject Code: EVS-601
Semester: Third
December 2021
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

Roll Number

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SECTION -A (SHORT/OBJECTIVE TYPE QUESTIONS)

(10x2=20 Marks)

- A) Which of the following is a non-renewable resource?
a) Coal b) Wind
c) Water d) Biomass
- B) Which of the following is a life supporting zone of the Earth?
a) Atmosphere b) Hydrosphere
c) Lithosphere d) Biosphere
- C) In which of the following the upright pyramid of number is absent?
a) Pond b) Forest
c) Lake d) Grassland
- D) Which of the following is the final stable community in the ecological succession?
a) Sere b) Pioneer
c) Climax d) Carnivore
- E) Which of the following is the greatest volume of waste discharge to the water?
a) Nuclear waste b) Sewage
c) Spillage from oil pipelines d) Spillage from tankers
- F) What is the ambient noise level for residential area during night time?
a) 40 dB b) 45 dB
c) 50 dB d) 55 dB
- G) Vermicompost is used as a bio-fertilizer which is rich in _____
a) Nitrogen b) Potassium
c) Phosphorus d) All of these
- H) A well oxidized sewage contains nitrogen mainly in which form?
a) Nitrate b) Nitrite
c) Free Ammonia d) None
- I) How many years once the parties in the Vienna Convention meet to take decision?
a) One b) Two
c) Three d) Four
- J) Which of the following Environmental Act/ acts is/are correctly mentioned?
(1) Environmental Protection Act, 1986
(2) Wildlife Protection Act, 1972
(3) The Air (Prevention and Control of Pollution) Act, 1974
(4) The Water (Prevention and Control of Pollution) Act, 1981
a) Only (1) and (2) b) Only (3) and (4)
c) Only (1), (2) and (3) d) Only (1), (3) and (4)