

**(REVISED COURSE)**

(2 Hours)

QP Code : 11962

[ Total Marks : 60

- N.B. : (1) Question No.1 is compulsory.  
(2) Answer any **three** from questions nos. 2 to 6.  
(3) Draw neat labelled diagrams wherever necessary.

1. Solve any **five** of the following :—

- Explain ecological pyramid.
- Define sustainable Development.
- What are different air pollutants?
- What is meant by E- pollution?
- What is the role of ministry of Environmental and forests?
- What are renewable and non-renewable resources?
- How indoor pollution is caused?

2. Solve the following:—

- List out objectives of Environmental Education.
- What is solid waste management? Explain solid waste management by Land Filling.
- Explain briefly how photovoltaic cells are useful in harnessing solar energy.

3. Solve the following :—

- With the help of neat diagram, Explain working of bag house filter.
- What are important functions and powers of central pollution control board?
- Explain the concepts and objectives of green building.

4. Solve the following :—

- Explain the terms producers, consumers and decomposers.
- Explain salient features of Environmental Protection Act.
- What is hydel energy? Explain briefly the process of hydropower generation.

5. Solve the following :—

- How resource utilization as per carrying capacity is important for sustainable development?
- Explain briefly industrial waste water treatment.
- Draw rough sketch and explain how electricity can be generated from wind energy.

6. Solve the following :—

- Explain need and importance of environmental studies.
- Define terms noise pollution and explain its sources as well as ill effects.
- Explain various techniques for managing earthquakes.