

FE (Sem I) (E) (CRGS) - 26/12/14
Environmental Studies

(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 :— 15
- 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. 5
 - What is solid waste management? Explain solid waste management by Land Filling. 5
 - Explain briefly how photovoltaic cells are useful in harnessing solar energy. 5
3. Solve the following :—
- With the help of neat diagram, Explain working of bag house filter. 5
 - What are important functions and powers of central pollution control board? 5
 - Explain the concepts and objectives of green building. 5
4. Solve the following :—
- Explain the terms producers, consumers and decomposers. 5
 - Explain salient features of Environmental Protection Act. 5
 - What is hydel energy? Explain briefly the process of hydropower generation. 5
5. Solve the following :—
- How resource utilization as per carrying capacity is important for sustainable development? 5
 - Explain briefly industrial waste water treatment. 5
 - Draw rough sketch and explain how electricity can be generated from wind energy. 5
6. Solve the following :—
- Explain need and importance of environmental studies. 5
 - Define terms noise pollution and explain its sources as well as ill effects. 5
 - Explain various techniques for managing earthquakes. 5