

**(REVISED COURSE)**

QP Code : **1031**

[2 Hours]

[Total Marks: 60]

- N.B. :
- (1) Question no. 1 is compulsory.
  - (2) Answer any three from Question No. 2 to 6.
  - (3) Figures to the right indicate full marks.
  - (4) Draw a neat labelled diagram wherever necessary.

1. Attempt any five from the following:— 15
  - (a) Discuss the sanitation status in developing countries.
  - (b) How is environmental education important for sustainable development?
  - (c) What is acid rain? What are its effects?
  - (d) What are the sources of noise pollution? Give its effects.
  - (e) What is the role of Ministry of Environment and Forests in Environmental Legislation?
  - (f) What is "Geothermal Energy"? Explain
  - (g) Explain the term "Carbon Credit".
2.
  - (a) What is "Appropriate Technology"? Explain. 5
  - (b) Explain the construction and working of a "Venturi Scrubber". 5
  - (c) State the principle and working of photovoltaic cell used for solar energy. 5
3.
  - (a) Explain solid waste management by "Landfilling". 5
  - (b) What types of Environmental clearances are required to setup an industrial unit? 5
  - (c) Write a case study on Earthquake in Japan. 5
4.
  - (a) Explain the classification of Ecosystem 5
  - (b) What are the functions of central pollution control board? 5
  - (c) What are the limitation of conventional sources of energy? 5
5.
  - (a) Explain "resources utilization as per carrying capacity" 5
  - (b) Discuss "Bhopal Gas Tragedy" 5
  - (c) How is electricity generated by using wind energy. 5
6.
  - (a) Discuss the global environmental crisis related to population. 5
  - (b) Explain the treatment of industrial waste water. 5
  - (c) Explain the role of technology in Environment and Health. 5