

(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