

24 : 2nd half-12-(j) JP

Con. 9082-12.

(REVISED COURSE)

KR-3495

(2 Hours)

| Total Marks : 60

- N.B.:** (1) Question No. 1 is compulsory.
(2) Attempt any three questions from Questions Nos. 2 to 6.
(3) Figures to right indicates full marks.
(4) Draw neat sketches wherever necessary.

1. Attempt any five of the following :— 15
- (a) Why acid-rains are caused ?
 - (b) What are the sources and effects of E-pollution ?
 - (c) How Indoor pollution is caused ?
 - (d) With suitable example explain the concept of food-chain.
 - (e) Which are renewable energy sources ? Why they are important ?
 - (f) What role is played by Ministry of Environment and Forest (MoEF) in conservation of Environment ?
 - (g) What is Appropriate Technology ?
2. (a) Explain Socio-Economic aspects of sustainable development. 5
(b) With the help of neat diagram, explain working of venturi Scrubber. 5
(c) Explain briefly how Photo voltaic cells are useful in harnessing solar energy ? 5
3. (a) Explain briefly Industrial waste water treatment. 5
(b) What are the powers and functions of Central Pollution Control Board ? 5
(c) Explain the concept and objectives of Green Building. 5
4. (a) How does Biomass and Energy flow are related in Ecological Pyramid ? 5
(b) How electricity can be generated from wind energy ? 5
(c) Explain salient features of Environmental Protection Act. 5
5. (a) How Resource utilisation as per carrying capacity is important for sustainable development ? 5
(b) With suitable diagram of steam power plant, explain how electricity can be obtained from geothermal energy ? 5
(c) What is Solid Waste Management ? How Solid Waste Management is done by composting ? 5
6. (a) Explain various methods or techniques for managing earthquakes ? 5
(b) What are the sources and effects of noise pollution ? 5
(c) Explain the relevance of 3R for sustainable development. 5