

Model Question Paper-Environmental Science

02 Hours

marks 60

- N.D.: (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 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 venture 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 carbon credit. 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 utilization 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) How ozone get depleted from atmosphere? Explain the chemical reactions. 5
(c) Explain the relevance of 3R for sustainable development. 5
