

- N.B. :** (1) All questions are compulsory.
(2) All questions carry equal marks.
(3) Draw neat and labelled diagram wherever necessary.

1. Answer any two questions from the following.
 - (a) Explain goals of environment management and describe various management tools. 6
 - (b) Describe the efforts of National Committee on environmental planning and coordination and the Tiwari Committee in addressing environmental concerns in india. 6
 - (c) Is it possible to integrate environmental and developmental concerns ? Discuss giving suitable examples. 6

2. Answer any two questions from the following.
 - (a) Explain Aspects and impacts of Industry, office and Laundry as per ISO 14001. 6
 - (b) Describe 'Assessment of Environmental Impact' step in life cycle assessment. 6
 - (c) Explain the term Environmental policy objective and targets in ISO 14001. 6

3. Answer any two questions from the following.
 - (a) Explain the basic steps in conducting Environmental Audit. 6
 - (b) Describe three valuation techniques for environmental amenities. 6
 - (c) Explain Waste minimization audit with suitable examples. 6

4. Answer any two questions from the following.
 - (a) Describe DfE concepts and key principles of Environmental Design. 6
 - (b) Define Model. Explain dispersion and receptor models for air quality modeling. 6
 - (c) Define cleaner production and its key elements. 6

5. Answer any four questions from the following. 12
 - (a) Exploitation of resources
 - (b) Different application of Life cycle assessment
 - (c) Difference between natural resource economics and Environmental economics
 - (d) Need of Modelling in environment assessment
 - (e) Benefits of Environmental Management systems.
 - (f) Liability audit.