

S.Y.BSc.CS

Assignment Questions

Subject/Course: Environmental Management & Sustainable Development –II

Write any 5 questions.

1. Explain how different production processes lead to the generation of wastes and contribute to environmental pollution.
2. Discuss sources, effects, and control measures for carbon monoxide, lead, nitrogen oxides, sulphur dioxide, particulate matter, and ground-level ozone.
3. Explain the National Ambient Air Quality Standards (NAAQS). Discuss their significance in air pollution management.
4. Explain their sources and impacts on human health and the environment.
5. Explain the constitutional provisions for environmental protection in India with reference to Article 48A, Article 51A (g), and derived environmental rights.
6. Discuss pollution control and waste management strategies. Explain the concept of 3R (Reduce, Recycle, Reuse) and sustainability
7. Discuss major international environmental agreements (Stockholm Conference 1972, Ramsar Convention 1971, Montreal Protocol 1987, Basel Convention 1989, Rio Earth Summit 1992, Kyoto Protocol 1997, Johannesburg Summit 2002) and major Indian environmental legislations (Wildlife Protection Act 1972, Water Act 1974, Forest Conservation Act 1980, Air Act 1981, Environment Protection Act 1986, Biological Diversity Act 2002).
8. Describe the major sources of water pollution. Explain river, lake, marine, and groundwater pollution.
9. Discuss Volatile Organic Compounds (VOCs), Peroxyacetyl Nitrate (PAN), Polycyclic Aromatic Hydrocarbons (PAHs), and Persistent Organic Pollutants (POPs) as important air pollutants
10. Explain the Environmental Management System (EMS). Discuss the importance and key elements of ISO 14001