

NOTE:

1. All questions are compulsory
2. All questions carry equal marks
3. Figures to the right indicate equal marks

Q1. Answer any two (7.5 marks each) 15

- a. Explain Hydrological Cycle.
- b. Explain Eco system and which are the different types of eco system?
- c. Give the classification of resources and explain mineral resources in brief.

Q2. Answer any two (7.5 marks each) 15

- a. What is environmental pollution and what are their sources?
- b. What is Natural Disaster and explain earthquake in brief?
- c. Which are the different types of greenhouse gases

Q3. Answer any two (7.5 marks each) 15

- a. Define Sustainable development and give its need.
- b. Explain Wildlife (Protection) Act, 1972.
- c. Write a brief note on Conservation of energy.

Q4. Answer any two (7.5 marks each) 15

- a. Justify the role of Hydropower.
- b. Explain Green Marketing
- c. Discuss different solar energy harvesting devices.

Q5. Case Study 15

The proposed rule, currently in the draft, to regulate waste management has changed the definition of hazardous waste and merely termed it 'Material' and sought to open the countries gates for import of hazardous waste from all over the world for recycling.

As per the draft, if 60 percent of any waste is recyclable, then it is not considered waste but material fit for import. Therefore, if 60% of computer, in the form of e-waste, can be recycled then the law permits, the import of e-waste from abroad. Never mind that it brings in toxics like cadmium and mercury present in them.

Draft Hazardous Materials (Management, Handling and Transboundary Movement) Rules, 2007, were released for public comments; international environmental groups got together and alleged the rules would legally turn India into global dump yard. The key to this allegation is that the rules are not in conformity with the Basel convention treaty to which India is a signatory. A member of European Commission, Environment programme, said, 'India is posing to become the global waste picker.

Questions: - (5 marks each)

- 1) What were the proposed changes in Hazardous Material Rules?
- 2) What would be the impact of proposed changes in Hazardous Material Rules?
- 3) What must have been motive behind the changes in Hazardous Material Rules? Do you agree to that?