

[Time: 2½ Hours]

[ Marks:60]

Please check whether you have got the right question paper.

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

1. Answer **any two** questions from the following:
  - a. Define Ecotechnology. Explain in detail principles, concept and applications of Ecotechnology. **06**
  - b. Give a brief note on Biogas schemes for Rural Development. **06**
  - c. Explain in detail Gandhian Philosophy. **06**
2. Answer **any two** questions from the following:
  - a. Explain in detail concept and importance of SPS, in reference to WTO-SRS agreement. **06**
  - b. Give a brief note on Corrosion inhibition in Mining Industry. **06**
  - c. Explain in detail Environmental green Inhibitors **06**
3. Answer **any two** questions from the following:
  - a. Give a brief note on Clean Development Mechanism (CDM) to combat CC. **06**
  - b. Explain in detail UN forum on forests. **06**
  - c. Differentiate between REDD and REDD+ **06**
4. Answer **any two** questions from the following:
  - a. Explain in detail Soil & Ground water contamination survey and Cleaning technologies. **06**
  - b. Give a brief note on role of Ecological principles in Restoration. **06**
  - c. Explain in detail Bamboo forest Maintenance. **06**
5. Answer **any four** questions from the following:
  - a. Biotopes **03**
  - b. IPCC **03**
  - c. NATCOM **03**
  - d. Hybrid Coating **03**
  - e. World heritage conventions **03**
  - f. International efforts in combating global warming **03**