

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

1. Answer any two questions from the following :-
  - (a) Comment on 'Why ecotechnology' and applications of Ecotechnology. 6
  - (b) Discuss on appropriate technology for Rural Environment. 6
  - (c) Explain Solar Cooker in detail with a neat labelled diagram. 6
  
2. Answer any two questions from the following :-
  - (a) Discuss on Important Phytosanitation Technologies. 6
  - (b) Give a brief note on Cooling Systems. 6
  - (c) Give the difference between Hybrid Coating and Corrosion Inhibitors. 6
  
3. Answer any two questions from the following :-
  - (a) Explain in detail about Carbon Sequestration. 6
  - (b) Explain how India can be benefitted from CDM projects. 6
  - (c) Discuss on World Heritage Conventions. 6
  
4. Answer any two questions from the following :-
  - (a) Discuss on Bamboo Forest Maintenance. 6
  - (b) Comment on Biotopes. 6
  - (c) Distinguish between Restoration Ecology and Remediation Technology. 6
  
5. Answer any four questions from the following :-
  - (a) Solar heaters. 3
  - (b) Swadeshi movement. 3
  - (c) SPS. 3
  - (d) CDM. 3
  - (e) Recycled Water Technology. 3
  - (f) Ground Water Contamination Survey. 3