

M.Sc. (Part-II) (Environmental Science) CBCS Pattern Semester-IV  
**PSCENVT16A - Sustainable Environment**

P. Pages : 1

Time : Three Hours



**GUG/W/23/11383**

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.  
2. Illustrate the answers with suitable diagrams and examples.

1. Discuss design of Kyoto protocol. **16**
- OR**
- a) Explain valuation method of emission reduction units. **8**  
b) Discuss system for Kyoto protocol implementation in different countries. **8**
2. Discuss method of valuation of natural assets w.r.t. market value approach and present value approach. **16**
- OR**
- a) Briefly explain preparation of balance sheet w.r.t. profit and loss under environmental accounting. **8**  
b) Discuss system of integrated environmental economic accounts. **8**
3. Explain the terms: Deep ecology and animal rights, environmental and business ethics. **16**
- OR**
- a) Discuss historical causes of environmental ethics. **8**  
b) Explain environmental rights and environmental racism. **8**
4. Discuss environmental sustainability w.r.t. sustainability of forest. **16**
- OR**
- a) Briefly explain salient features of people biodiversity register. **8**  
b) Write an explanatory note on strategic planning for sustainable development. **8**
5. a) What is CDM? **4**  
b) Write about merits of EA. **4**  
c) Explain challenges of world environmental ethics. **4**  
d) Describe ecological sustainable agriculture. **4**

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