

M.Sc. (Part-II) (Environmental Science) (CBCS Pattern) Semester-IV  
**PSCENVT14 - Pollution Control and Industrial Safety**

P. Pages : 1

Time : Three Hours



**GUG/S/25/11376**

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 role and pattern of industrialization. **16**
- OR**
- a) Explain scope of industrial economics. **8**
- b) Discuss industrial development in India. **8**
2. Discuss step wise treatment in CETP. **16**
- OR**
- a) Briefly explain removal of mercury from gaseous streams. **8**
- b) Discuss sources of nitrogenous waste in fertilizer industries. **8**
3. Explain screening and grit removal in preliminary treatment unit. **16**
- OR**
- a) Discuss Clariflocculator. **8**
- b) Explain sludge drying bed. **8**
4. Discuss classification of industrial accidents. **16**
- OR**
- a) Briefly explain occupational stress and health. **8**
- b) Write an explanatory note on control of heat exposure. **8**
5. a) Explain problems of industrial sickness. **4**
- b) Write about methods for removal of nitrogen. **4**
- c) Write a note on trickling filter. **4**
- d) Write a note on the industrial hazards. **4**

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