

Total number of printed pages: 2 Programme (PG)/Semester-I/PCEW1113

2022

INDUSTRIAL WATER POLLUTION CONTROL

Full Marks : 100

Time : Three hours

The figures in the margin indicate full marks for the questions.

Answer any five questions

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|----|---|-----|
| 1. | a) Classify various water pollutants and also write their characteristics | 10 |
| | b) Describe various types of water pollution. | 10 |
| 2. | a) Define ETP. Describe the need for ETP | 2+3 |
| | b) Describe the treatment mechanism for ETP | 05 |
| | c) Name and discuss various ETP units | 10 |
| 3. | a) How Industrial wastewater management is different from municipal wastewater management, describe | 10 |
| | b) Discuss Industrial wastewater management in detail. | 10 |
| 4. | Write notes on: | |
| | a) Glass and ceramics | 5 |
| | b) Nuclear power plant | 5 |
| | c) Polymer | 5 |
| | d) Leather and Tannery | 5 |

5. Write notes on energy industry and drug industry. Also discuss about dyes, their uses and toxicity. 10+10
6. Describe liquid waste management in detail 20

THE END

