

D 1058

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Name.....

Reg. No.....

**EIGHTH SEMESTER B.TECH. (ENGINEERING) DEGREE
EXAMINATION, DECEMBER 2009**

CE 04 805 (D)—ENVIRONMENTAL POLLUTION CONTROL ENGINEERING

(2004 Admissions)

Time : Three Hours

Maximum : 100 Marks

Answer all questions.

1. (a) Discuss the role played by over population in causing pollution.
(b) Discuss the impacts of suspended solids in water.
(c) What measures can be taken for the suppression of noise at sources ?
(d) Discuss the reasons for land degradation and suggest steps to control it.
(e) Explain the process of paper industry with neat sketch.
(f) Explain the site selection for different industries in detail.
(g) List down the types of industries for which EIA is mandatory irrespective of the project cost ?
(h) Explain the EIA process in detail ?

(8 × 5 = 40 marks)

2. Write a detailed note on water quality management in rivers ?

Or

Justify the need for wastewater treatment. Briefly outline the different steps of wastewater treatment ?

3. Explain in brief the major factors and actions that may help in noise abatement in a modern society ?

Or

Describe and explain the manner in which ground soils are polluted due to dumping of municipal and industrial wastes on land ?

4. Explain dairy industrial process in detail ?

Or

Explain the characteristics and treatment options for textile wastewater ?

Turn over

5. Explain the various steps involved in EIA process with the help of a flow diagram and briefly explain the different stages?

Or

What are the base line datas "to be collected if a project is expected to result in air pollution?

(4 × 15 = 60 marks)