

EIGHTH SEMESTER B.TECH DEGREE EXAMINATION DECEMBER 2010

CE 04 805 (D)-ENVIRONMENTAL POLLUTION CONTROL ENGINEERING

(2004 admissions)

Answer all questions.

- I. (a) Define soil erosion. Discuss the factors which influence the extent of soil erosion.
- (b) Explain the physical and chemical characteristics of waste water arising from textile industry.
- (c) Explain the treatment options for paper industry waste water in detail.
- (d) Explain the treatment options of dairy wastewater in detail.
- (e) Define EIA. What are the objectives of EIA process?
- (f) Explain the damages caused by industrial activities in detail.
- (g) Discuss the effects of pollution on the environment.
- (h) Define noise pollution and threshold of hearing. What do you mean by acceptable noise level?

(8x5- 40 marks)

- II. (a) Explain the paper industrial process in detail.

Or

- (b) Explain the treatment options to treat paper industrial waste water in detail.

- III. (a) Describe the environmental impact assessment methodologies in detail.

Or

- (b) Explain the various steps involved to carry out the EIA process.

- IV. (a) Explain the chemical characteristics of water in detail.

Or

- (b) Explain the types of water pollutants and their effects in detail.

- V. (a) Write brief explanatory notes on noise pollution, its causes, effects and remedies.

Or

- (b) Explain as to how and in what manner the modern agricultural practices have polluted our land.

(4x15 = 60 marks)

