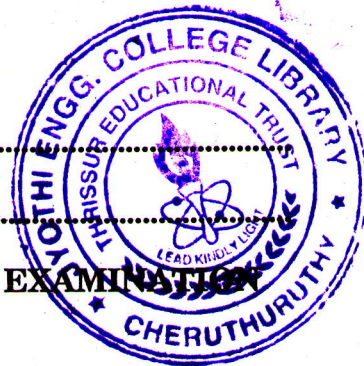


C 21416

(Pages : 2)

Name.....

Reg. No.....



EIGHTH SEMESTER B.TECH. (ENGINEERING) DEGREE EXAMINATION
APRIL 2017

CE/PTCE 09 804 L22—ENVIRONMENTAL POLLUTION CONTROL ENGINEERING

(2009 Admissions)

Time : Three Hours

Maximum : 70 Marks

Part A

Answer all the questions.

1. (a) Name any four instruments used for determining water quality.
- (b) Give examples for secondary air pollution.
- (c) What are the sources of outdoor lighting ?
- (d) List out various laws related with environment and pollution.
- (e) What is mean by physical assessment of a project ?

(5 × 2 = 10 marks)

Part B

Answer any four questions.

2. (a) Explain the procedure of jar test for determining optimum coagulant dosage.
- (b) Write about primary and secondary pollutants.
- (c) Describe about light and glare pollution.
- (d) Explain about Air Pollution Control Act of India.
- (e) Write about the water pollution laws and regulation.
- (f) Explain in detail about the filters used in air pollution control.

(4 × 5 = 20 marks)

Turn over

Part C

Answer all questions.

3. (a) Explain about the integrated river basin management.

Or

- (b) Explain the different types of water pollution and their effects.

4. (a) Explain the working principle of wet scrubber.

Or

- (b) Explain the working principle of settling chamber.

5. (a) Explain in detail about noise pollution and its sources and effects.

Or

- (b) Explain about the working principle of any one instrument used for noise measurement.

6. (a) Explain the physical, social aesthetic and economical assessment of Power plant project.

Or

- (b) Write in detail about the legislations on pollution prevention.

(4 × 10 = 40 marks)