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Name.....

Reg. No.....

**EIGHTH SEMESTER B.TECH. (ENGINEERING) DEGREE
[2014 SCHEME] EXAMINATION, APRIL 2018**

Civil Engineering

CE 14 805 (E) – ENVIRONMENTAL POLLUTION CONTROL ENGINEERING

Time : Three Hours

Maximum : 100 Marks

Part A

I. Answer any *eight* questions out of ten :

1. Explain about the effect of organic pollution on stream.
2. Explain the importance of waste water treatment for controlling pollution.
3. What are the effects of underground disposal of waste water?
4. Describe about the sources of Air pollutant.
5. Write about carbon monoxide and discuss the sources of carbon monoxide.
6. Explain about the settling chambers for air pollution control.
7. Explain About glare and its effects.
8. Explain the ecological factors in plant site selection.
9. Write about the legislative control with regards to Environment and pollution in India.
10. Explain the importance of Chimney height with respect to pollution.

(8 × 5 = 40 marks)

Part B

II. Answer *all* questions :

11. Explain about the effects of thermal pollution on aquatic life.

Or

12. Explain the interrelationship between various forms of pollution.

13. Explain the working principle of Electrostatic precipitator

Or

14. Explain any two methods of controlling gaseous pollution.

15. Explain in detail about noise pollution and its sources and effects.

Or

16. Explain the sources and effects of light.

17. Explain the physical, social aesthetic and economical assessment of highway project.

Or

18. Write in detail about the legislations on pollution prevention.

(4 × 15 = 60 marks)