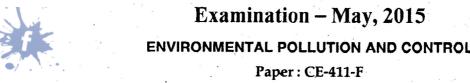
Roll No. ...

24518

B. Tech. 7th Sem. (Civil Engineering)

ENVIRONMENTAL POLLUTION AND CONTROL



Time: Three Hours 1 [Maximum Marks: 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note: Attempt any five questions. All questions carry equal marks.

- 1. (a) Explain the factors influencing the industrial plant location and planning. 10
 - (b) Explain photo chemical smog and coal-induced smog. 10
- 2. (a) List the methods of sampling the suspended particulate matter and explain anyone in detail with sketch. 10

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(b) What are you understand by land pollution?
Discuss different factors affecting pollution. 10
3. (a) Compare aerobic and anaerobic methods of
compositing of municipal solid waste: 10
(b) Explain the different system of sanitation systems.
(b) Explain the different 10
4. (a) Name and discuss the water-borne diseases
caused by bacteria, viruses, protozoa. 10
(b) Explain reuse, recycling and recovery of solid
(b) Explain reuse, recycling and recovery waste materials from refuse.
5. (a) Discuss the problems and issues related to the
environment and their impact on society.
(b) What are the important factors to be
considered to minimize the exhaust emission in
automobiles?
6. Explain with the flow diagram, the different
units and functions of municipal waste water
treatment plant.
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- (a) Chemical Industry
- (b) Cement Industries.
- 8. Explain the followings:

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- (i) Global warming.
- (ii) Economic effects of air pollution.
- (iii) Phenomenon and formation of green house effect.
- (iv) Methods for disposal of radioactive wastes.



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