

24518

B. Tech. 7th Semester (Civil) F. Scheme Examination,  
December-2017  
**ENVIRONMENTAL POLLUTION AND CONTROL**

Paper-CE-411-F

Time allowed : 3 hours] [Maximum marks : 100

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

1. Explain briefly : 2½×8=20

- (a) Types of sampling.
- (b) Occupational health
- (c) Environmental auditing
- (d) Compositing
- (e) BOD and COD
- (f)  $P_H$  value
- (g) Suspended particles
- (h) Illumination

2. What are the objects of By Laws ? What are the principles to be observed while framing the building By Laws ? 20

3. What is your opinion about economics effects of air-pollution control. 20

4. Write short notes on :

- (a) Environmental management techniques
- (b) Sensitive Analysis. 20

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5. (a) Discuss the sources of Asbestos and Barium air pollutants. 10  
(b) Explain the atmospheric parameters influencing air pollution. 10
6. Explain the application of sample and devices for the design of hospital and Public buildings. 20
7. Explain briefly environment protection laws and acts. 20
8. Write short notes on :  
(a) Various zones of pollution in river stream. 10  
(b) Impact of environment pollution on society. 10