

Roll No. ....

**24518**

**B. Tech. 7th Semester (CE) (Re-appear)**

**Examination – October, 2020**

**ENVIRONMENTAL POLLUTION AND CONTROL**

Paper : CE-411-F

**Time : 1.45 Hours ]**

**[ 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 **three** questions. All questions carry equal marks.

1. What are the causes of land pollution ? Also suggest remedial measures to prevent land pollution.
2. Explain the environmental sanitation methods suitable for hostels.

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3. Discuss the importance of sensitive analysis and risk assessment for controlling air borne diseases.
4. Discuss the factors responsible for river pollution with special reference to India. Also mention the remedial measures to prevent river pollution.
5. Discuss environmental considerations of ventilation and air conditioning for a residential building.
6. List various environmental auditing methods. Explain any *three* methods.
7. Write short note of mathematical modelling in design of hospitals and other public buildings.
8. Explain various environmental management system standards in India.