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**School of Engineering**  
**B.TECH Civil Engineering**  
**Semester End Examination - Nov 2023**

**Duration : 180 Minutes**  
**Max Marks : 100**

**Sem VII - BCE01T5621 - Pollution Control and Monitoring**

General Instructions

*Answer to the specific question asked*

*Draw neat, labelled diagrams wherever necessary*

*Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Explain why disposal by dilution is not always effective in reducing pollution. K1 (2)
- 2) Extend your view on fundamentals of sound generations K2 (4)
- 3) Identify the air quality early warning system shall be utilized K2 (6)
- 4) Examine the effectiveness of air pollution control legislation. K3 (9)
- 5) Organize the effectiveness of incineration as a waste disposal method. K3 (9)
- 6) Measure the air quality monitoring in the construction site K5 (10)
- 7) Compare and contrast between HTST and LTLT process K4 (12)
- 8) Criticize the environmental pollutants, origin and their effects on global level K5 (15)
- 9) A factory emits 100 pounds of particulate matter per day. Compute the concentration of particulate matter in the air at a distance of 100 yards from the factory? K5 (15)
- 10) Improve the principle and methods of pasturization K6 (18)