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**School of Computing Science and Engineering**

Bachelor of Computer Applications

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

**Sem I - F1UA120T - Air and Noise Pollution**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) Outline the examples of Primary air pollutants K2 (2)
- 2) Define smog. K1 (3)
- 3) Explain: Carbon Monoxides K2 (4)
- 4) Illustrate the wind tunnel method model K2 (6)
- 5) Explain the Box model of predicting the pollutants K3 (6)
- 6) Examine the types of plume behaviour and sketch them K3 (9)
- 7) Simlify the explanation for temperature inversion and narrate the effects of air pollution. K4 (8)
  
- 8) Examine the factors influencing the air pollution and narrate them. K4 (12)

**OR**

Analyse the working principle of settling chamber and explain with neat sketch K4 (12)