

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

School of Engineering**B.TECH Civil Engineering
Mid Term Examination - Nov 2023****Duration : 90 Minutes
Max Marks : 50****Sem III - G1UA301T - Environmental Monitoring and Analysis**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) Indicate the impact of coal mining in air water and soil pollution K2 (2)
- 2) Discuss about the origin of wastewater K1 (3)
- 3) Infer the air pollution control legislation K2 (4)
- 4) Describe filtration method for removing the particulate matter K2 (6)
- 5) Illustrate the effects of air pollution on materials K3 (6)
- 6) With appropriate sketch interpret about the carbon cycle. K3 (9)
- 7) Criticize the gaseous sampling by differential null type stack sampler probe K4 (8)

- 8) Analyze the electrostatic precipitators for controlling the particulate emissions with required sketches K4 (12)

OR

- Identify the noise measurements instruments and the equipments utilized. K4 (12)