GALGOTIAS UNIVERSITY

ADMISSION NUMBER												

School of Engineering

B.TECH Electrical Engineering
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem IV - G2UB405C - Electrical Measurement and Instrumentation

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)	Compare analog and digital instruments.	K2	(2)
2)	Define repulsive type moving iron instrument.	K1	(3)
3)	Explain the term Accuracy, Precision, Resolution and Thrashold.	K2	(4)
4)	Illustrate the the concept of current transformer	K2	(6)
5)	What are the applications of wheat stone bridge and explain its limitations?	K3	(6)
6)	Construct the circuit diagram of various types of ohmmeter also compare them.	K3	(9)
7)	Classify with the help of cicuit diagram, rectifier type instrument on the basis of their application. Also specify merits and demerits.	K4	(8)
8)	Examine the bridge balance condition for the Schering bridge with the help of necessary circuit diagram.	K4	(12)
	OR		
	Explain construction and working of Owen bridge.	K4	(12)