GALGOTIAS UNIVERSITY

ADMISSION NUMBER												

School of University Polytechnic

Diploma in Electrical Engineering
Mid Term Examination - Nov 2023

Duration : 90 Minutes
Max Marks : 50

Sem III - N1DI305C - Electrical Machine-I

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 the three types of self excited dc generators.	K2	(2)
2)	Define elementary concept of motor.	K1	(3)
3)	Explain the motor and its applications.	K2	(4)
4)	Discuss the Fleming's left-hand rule and its use.	K2	(6)
5)	Write the armature reaction of a DC motor with a diagram.	K3	(6)
6)	Write the types of d.c. motor with diagram and their applications.	K3	(9)
7)	Analyze the examples of electric Motor.And also state the electric motor and its applications.	K4	(8)
8)	Pointout the construction of d.c. generator and advantages and disadvantages of d.c. generator?	K4	(12)
	OR		
	Pointout the working principle of d.c motor with diagram and its applications.	K4	(12)