Roll No. _____

END SEMESTER EXAMINATION
SEMESTER-V

COURSE CODE : EEE-507 | **DURATION : 3 (THREE)HRS**
COURSE TITLE : MAINTENANCE OF EE&E | **MAXIMUM MARKS : 75**
SESSION : JULY-DEC'2021 | **PASS MARKS : 35 %**

NOTE:
1. *All the questions are compulsory*
2. *Attempt any 5 (five) questions.*
3. *Mark for each question is shown against it.*
4. *Assume suitable logical data wherever necessary.*

1.	**(a)**	How is maintenance on voltage stabilizer done? Explain.	**(8)**
	(b)	Explain why CVT is used in electronic equipments.	**(7)**
2.	**(a)**	How does the life of UPS get affected?	**(7)**
	(b)	Explain preventive maintenance? Prepare a chart on it.	**(5+3)**
3.	**(a)**	How is acidity test performed?	**(6)**
	(b)	What is crackle test? Explain.	**(2+7)**
4.	**(a)**	What are the reasons for abnormal operations of equipment?	**(5)**
	(b)	Distinguish between breakdown & corrective maintenance.	**(5+5)**
5.	**(a)**	How is electrical test done on before commissioning of equipments?	**(8)**
	(b)	What are the advantages of preventive maintenance?	**(7)**
6.	**(a)**	Explain the significance of troubleshooting chart.	**(8)**
	(b)	Prepare a troubleshooting chart on SMPS.	**(7)**
7.	**(a)**	How is measurement of insulating resistance done?	**(9)**
	(b)	What are the advantages of flash point test?	**(6)**
8.	**(a)**	How is testing of micro-processor based equipment done? Explain.	**(9)**
	(b)	Why is special test performed on electrical equipments?	**(6)**

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