Roll No. _____

END SEMESTER EXAMINATION

SEMESTER- V (New/Old Course)

COURSE CODE : ME 501 **DURATION :2 (TWO)HRS**
COURSE TITLE : PLANT MAINTENANCE ENGG **MAXIMUM MARKS : 50**
SESSION : JULY.-DEC.'2021 **PASS MARKS : 35 %**

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

1. **(a)** Define A.C motors and write down its causes and remedies? **(5)**
(b) What are the different types of D.C motors explain them with neat sketch? **(5)**

2. **(a)** Write down the operational troubles comes in diesel engine? **(5)**
(b) Explain the trouble shooting of a petrol engine? **(5)**

3. **(a)** Write down the objective of maintenance? **(5)**
(b) Write down the general requirement for equipments for maintenance? **(5)**

4. **(a)** What are the procedures required for installation of engine or machine? **(3)**
(b) Define predictive maintenance and write its advantages ? **(4)**
(c) How will you classify different types of seals? **(3)**

5. **(a)** What do you mean by scheduled maintenance? **(2)**
(b) What are the different types of fits and define them? **(3)**
(c) Write down the procedure require for selection and installation of motors? **(4)**

6. **(a)** Define : **(5x2)**
1)Crankshaft, 2)Fuel oil injector
3)Cylinder head 4)Cylinder block
5)Cylinder liner

7. **(a)** Write down the function of lubrication? **(4)**
(b) What are the maintenance of petrol engine parts? **(6)**

8. **(a)** What do you mean by preventive maintenance and write down its merit and demerits? **(5)**
(b) Write down the merits and demerits of breakdown maintenance? **(5)**

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