

DEPARTMENT OF MECHANICAL ENGINEERING
ME 6012 / MAINTENANCE ENGINEERING
QUESTION BANK



UNIT-II -MAINTENANCE POLICIES – PREVENTIVE MAINTENANCE

PART-A(2 Marks)

1. What are the types of maintenance?
2. Differentiate brake down and preventive maintenance.
3. Give the merits of condition based maintenance.
4. What is meant by Give routine maintenance
5. List the purpose of lubrication
6. What is meant by maintenance schedule
7. Explain repair cycle
8. What is TPM? Give the benefits
9. Give the eight pillars of TPM
10. What is meant by risk based maintenance

PART-B(16 Marks)

1. What do you understand by maintenance categories? Explain common types and explain the basis of their selection.
2. What are all the steps involved in preventive maintenance why preventive maintenance is better than reactive maintenance.
3. Distinguish between fixed time maintenance and connect based maintenance. Give the merits and demerits.
4. Briefly explain the procedure for TPM.
5. Explain the repair cycle of metallic materials.
6. What are the functions of lubrication and gives the tips on lubrication