

DEPARTMENT OF MECHANICAL ENGINEERING
ME 2037 / MAINTENANCE ENGINEERING
QUESTION BANK

UNIT-I -PRINCIPLES AND PRACTICES OF MAINTENANCE PLANNING

PART-A (2 Marks)

1. What is meant by maintenance planning
2. What are the objectives of maintenance
3. What are the principles of planned maintenance activity
4. What are the benefits of sound maintenance system
5. Define machine availability
6. What are the factors for availability?
7. Give the types of maintenance organization
8. What are the sources of maintenance cost?
9. What is meant by MTBF and MTTR
10. Define Reliability

PART-B (16 Marks)

1. What do you mean by maintenance job planning? Discuss various steps of maintenance job planning.
2. What is long term plan? Discuss few long term planning?
3. What are the objectives of maintenance organization and what different types of organizations are in use in Indian industries?
4. What is equipment availability and what are the three basic approaches to define and quantity availability.
5. Explain MTBS, MTBF, MTTF, MTTR and failure rate?
6. Explain briefly different types and classes of maintenance cost