

DEPARTMENT OF MECHANICAL ENGINEERING
ME 2037 / MAINTENANCE ENGINEERING
QUESTION BANK

UNIT-IV -REPAIR METHODS FOR BASIC MACHINE ELEMENT

PART-A (2 Marks)

1. Define repair
2. What are the repair methods for lathe bed
3. How to repair broken gears
4. What is meant by failure development
5. Define failure analysis
6. What are the methods for fault location
7. How to repair spindle
8. What re the repair methods for bearing and slide ways
9. What is meant by sequential fault location
10. How to maintain broken lead screw.

PART-B (16 Marks)

1. Briefly explain the repair methods of machine beds.
2. Explain the repair method of worn-out bearing.
3. Explain the repair methods of slide ways and spindle.
4. Briefly explain the procedure for the repair cycle of gears and lead screw.
5. What is failure analysis? Explain their development.
6. Explain the logical fault location methods.