

Repair & Maintenance - II

IIIrd year - M.E

ASSIGNMENT

- Q.1. Determining the fits, tolerances and surface finish?
- Q.2. Selection of Repair method depending upon the value of wear such as scraping, grinding, machining and?
- Q.3. Repair of lathe Machine Guide as specific cases?
- Q.4. Determining the method of surface wear straight edge?
- Q.5. defects occurring in gears during use? (Normal defects of gears)
- Q.6. (a) checking for correct meshing of gears
- Q.7. (b) Wear of teeth
- Q.8. (c) Breaking or twisting of teeth.
- Q.9. Methods for Repair. of the defects of Rim or bore of the Gear wheel and?
- Q.10. Defect and Repair Methods of Vee Belt drive and Pulley grooves?

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ME - IIIrd Year

- Q.1. What is a bearing? Explain a Bush wears and its limits also?
- Q.2. Describe an assembly of splitted and non-splitted bushes?
- Q.3. Explain a Ball and Roller Bearing assembly? And also write a comparison?
- Q.4. Design tolerance and limiting wear of threads in Lead screws and nuts?
- Q.5. Repair methods of screw and nuts?
- Q.6. Explain General defects in machine spindles [For Example Lathe spindle]? and their repair methods?
- Q.7. Explain the maintenance of Electrical switches, starters use with machine tools viz lathe, shaper, milling and drilling?