

Roll No.

[illegible]

Total No. of Questions : 08

**M.Tech. (Electrical Engg.) OE / (Power System) /
ECE (2018 Batch)/(Food Technology) (Sem.-3)**

INDUSTRIAL SAFETY

Subject Code : MTOE-301B-18

M.Code : 76544

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWELVE marks.

1. Discuss the various health provisions of factories Act 1948.
2. What are different types of mechanical hazards? How these can be prevented? Discuss the steps for preventions.
3. Describe the primary and secondary functions of maintenance department.
4. What are different types of wear? What are the effects of wear? Discuss a method for wear reduction.
5. Why lubrication is required? Describe Wick feed lubrication system with a neat sketch.
6. What is the importance of fault tracing? Draw decision tree for problems in machine tools and explain.
7. What is the need of periodic maintenance? Discuss the procedure of periodic maintenance of DG set.
8. Write notes on :
 - a) Fire prevention equipments.
 - b) Factors affecting corrosion.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.