

**NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA**  
**THEORY EXAMINATION**

Roll No: \_\_\_\_\_

Month and Year of the Examination: May 2019

Programme: **B.Tech.**

Subject: **Engineering Practice**

Course No: **MEIR11**

Number of Questions to be attempted: 5

Total No. of Questions: 7

Semester: **2<sup>nd</sup> Semester**

Maximum Marks: **50**

Time allowed: **3 Hours**

Total No. of Pages used: **1**

Q1. Explain the concept of industrial safety ? What are its objectives & also explain in brief the causes of accident. (10)

Q2. List out the equipment required for gas welding with sketches. Explain gas welding process in detail. (10)

Q3. How can you classify the metals? Explain with sketches the various types of clamping, marking and measuring tools used in fitting shop. (10)

Q4. Describe the various types of cutting, measuring and striking tools used in carpentry shop. Explain each with neat sketch. (10)

Q5. Explain the construction and working of Cupola furnace in detail with neat sketch. (10)

Q6. Explain various parts of a lathe by neat sketches. (10)

Q7. Define welding. Classify the welding process, what are the advantages, disadvantages and application of welding? (10)

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