



MEP 002

**III Semester B.Tech. (Mechanical) Examination, August 2011
MANUFACTURING TECHNOLOGY LAB I**

Time : 3 Hours

Max. Marks : 75

- Instructions :** 1) Answer all questions in Part – A and either a) or b) in Part – B.
2) Each question carries 5 (five) marks in Part – A and 50 (fifty) marks in Part – B.

PART – A

1. Explain the procedure for preparation of sand mould.
2. Explain the types of furnaces.
3. How Split pattern is prepared ?
4. Explain the working arc welding.
5. Explain the procedure to make round rod to hexagonal rod.

PART – B

- 6 a) Explain the procedure for preparation of stepped pulley in foundry.

OR

- b) Explain the procedure for making Butt joint in arc welding.