

**DIPLOMA IN MECHANICAL ENGINEERING
(DME)****Term-End Examination****December, 2013****BME-054 : MANUFACTURING PROCESS-II***Time : 2 hours**Maximum Marks : 70*

Note : Answer any seven questions. All questions carry equal marks.

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1. Describe the extrusion process and tube drawing process. 10
 2. Describe in detail the MIG welding process. 10
 3. Explain in detail the different types of electrodes used in arc welding. 10
 4. List the different types of bonds used in abrasive grinding wheel and explain any two in detail. 10
 5. Explain the following process in detail :
 - (a) Lapping process 5
 - (b) Galvanizing process 5
 6. Explain resistance seam welding and resistance projection welding with sketch. 10
 7.
 - (a) Explain different types of brazing joints with sketch. 5
 - (b) What are the different types of soldering fluxer and explain them in detail. 5

8. Explain in detail the failure of hack saw blade and their remedies. **10**
9. Explain the flame formation in detail. Also describe different types of flames with neat diagram. **10**
10. Explain the following in detail with sketch :
- (a) Blanking **5**
 - (b) Bending **5**
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