

**DIPLOMA IN MECHANICAL ENGINEERING  
(DME)**

**Term-End Examination**

00898

**June, 2014**

**BME-054 : MANUFACTURING PROCESS – II**

*Time : 2 hours*

*Maximum Marks : 70*

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

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1. Describe the effect of temperature on sheet metal working. Explain the difference between hot working and cold working of metal. 10
  
2. What are the different types of metal forming processes ? Explain any two in detail with sketch. 10
  
3. List different guiding operations and explain any one of them in detail. 10
  
4. Explain any two electro-forming processes in detail with sketch. 10
  
5. What are the different shapes and sizes of grinding wheels ? Explain any two in detail. 10

- 6.** Explain the following processes in detail :
- (a) Cold dip galvanizing 5
  - (b) Powder spraying 5
- 7.** What are the different types of surface finishing processes ? Explain any two in detail with sketch. 10
- 8.** Describe TIG welding process in detail with sketch. 10
- 9.** Explain in detail the different types of Abrasives. 10
- 10.** Explain the following with sketch :
- (a) Resistance projection welding 5
  - (b) Spot welding 5
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