

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VIII • EXAMINATION – SUMMER • 2015****Subject Code: 182502****Date: 11/05/2015****Subject Name: Recent Advances In Manufacturing****Time: 10.30AM-01.00PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Compare E-manufacturing and E-commerce. **07**
(b) Compare Value Analysis and Value Engineering. **07**
- Q.2** (a) Explain the role of ERP in productivity improvement. **07**
(b) List and explain any two models of Supply Chain Management. **07**
- OR**
- (b) Write a short note on Management Information System. **07**
- Q.3** (a) Write a short note on JIT. **07**
(b) Discuss the need of value Analysis with suitable illustration. **07**
- OR**
- Q.3** (a) Write a short note on Kanban. **07**
(b) Test the Value Analysis for small scale industries. **07**
- Q.4** (a) Write a short note on KAIZEN. **07**
(b) Explain different ERP modules and their implementation procedure. **07**
- OR**
- Q.4** (a) Write a short note on 5S. **07**
(b) Explain various techniques of transportation with any one illustration. **07**
- Q.5** (a) Write a short note on SMED. **07**
(b) Explain various hardware and software required for ERP. **07**
- OR**
- Q.5** (a) Write a short note on JIDOKA. **07**
(b) Write a short note on E-manufacturing. **07**
