

Total No. of Questions : 8]

[Total No. of Printed Pages : 2

[2]

Roll No

MMCM-302(B) (Old)**M.E./M.Tech., III Semester**

Examination, November 2018

Total Quality Management**(Elective-II)****Time : Three Hours****Maximum Marks : 70****Note :** i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) Explain the principle of quality management.
b) What is bench marking explain its importance?
2. What is concurrent engineering? Explain it's objectives and advantages.
3. a) What is the role of a leader in quality management?
b) How do documentation help in maintaining quality?
4. Explain following techniques of TQM
 - i) JIT
 - ii) KAIZEN

5. a) What is statistical quality control? Explain it's philosophy.
b) Explain cumulative sum control charts.
6. a) Discuss process capability analysis in TQM.
b) What is acceptance sampling?
7. Explain the single, double and multiple sampling plan giving their respective advantages and applications.
8. Write short notes on any two of the following:
 - a) Pioneers of TQM
 - b) Quality Auditing
 - c) Taguchi method
 - d) The Dodge-Roaming sampling plan.
