

M.Tech- CAD / CAM (C.B.C.S.) Pattern Sem I
Elective - I : Total Quality Systems & Engineering

P. Pages : 1

Time : Three Hours



GUG/W/16/8103

Max. Marks : 70

- Notes :
1. All questions carry equal marks.
 2. Answer **any five** questions.
 3. Due credit will be given to neatness.
 4. Assume suitable data wherever necessary.
 5. Illustrate your answers wherever necessary with the help of neat sketches.

1. Define 'Quality cost'. What is its utility in industry? How it is calculated? **14**
2. What are the various organization structure? What are the factors that decide the structure for particular type of business? **14**
3. Explain the concept of 'Just - In - Time' (JIT) With reference to modern manufacturing. **14**
4. Write in brief about methods & Philosophy of statistical process control. **14**
5. What is 'process capability Analysis'? What is its utility in Total Quality Management? **14**
6. Explain multiple sampling plan for attributes. **14**
7. Explain Six Sigma manufacturing concept. Explain its utility for Indian Business. **14**
8. Write short notes on any two of following . **14**
 - a) Benchmarking
 - b) Leadership
 - c) Exponentially Weighted moving average control chart.
