

C.A.D./C.A.M. (CBS Pattern) M.Tech. Second (Old) Semester  
**MTC1004.2 - Elective-I - Total Quality Systems & Engineering**

P. Pages : 1

Time : Three Hours



**GUG/W/18/11728**

Max. Marks : 70

- Notes :
1. All questions carry equal marks.
  2. Answer **any five** questions.
  3. Assume suitable data wherever necessary.
  4. Illustrate your answers wherever necessary with the help of neat sketches.

1. Explain various principles of quality management. State the importance of principles for the present business model. **14**
2. Describe the steps to implement Benchmarking. How it is useful to improve the overall business. **14**
3. How the quality auditing is carried out? Why quality auditing is essential for large scale industry? **14**
4. What do you understand by 'Leadership' ? Explain the characteristics of leadership. **14**
5. Elaborate the concept of 'Quality circle'. How to implement it? **14**
6. Describe the control charts for variables. **14**
7. Explain single sampling plan for attributes. **14**
8. Describe the concept of six Sigma manufacturing. Explain the importance with at least one example. **14**

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