

C.A.D./C.A.M. (CBCS Pattern) M.Tech. First Semester
Elective-I : PCDS142 - Total Quality Systems & Engineering

P. Pages : 1

Time : Three Hours



GUG/W/18/10938

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. What do you understand by the term "Total Quality Management" ? How TQM is useful in the context of present business environment? **14**
2. Elaborate the principles of total Quality Management. **14**
3. What is 'KAIZEN'? What are the characteristics of KAIZEN? How to achieve it? Mention its need in Indian industry. **14**
4. Justify the statement with brief introduction to a Quality Management tool 5-S that "5-S has more usefulness to India compared to many other countries". **14**
5. Give brief account of six sigma on the background of Indian industries. **14**
6. Explain the mythologies of six sigma ie DMAIC & DMADV. **14**
7. What is meant by acceptance sampling? What is its usefulness? What are the various methods of acceptance sampling? **14**
8. Explain double sampling acceptance methodology with neat flow diagram. **14**
