**REG.NO:**

**SEMBODAI RUKMANI VARATHARAJAN ENGINEERING COLLEGE**

**ACADEMIC YEAR 2013-2014/ODD SEMESTER**

**CYCLE TEST – II**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**SUBJECT CODE/TITLE:** MG1301 TOTAL QUALITY MANAGEMENT

**YEAR/SEM:** IV/VII **DATE:**

**DURATION:** 1 ½ HOURS **MAX.MARKS:** 50

**Answer ALL the Questions**

**PART A (5X2=10)**

1. What is six-sigma?
2. What is control chart? What are its uses?
3. What do you understand by QFD?
4. What is Taguchi’s Loss Function concept?
5. What are the 4 stages of FMEA?

**PART B (40 MARKS)**

1. i) List out the new 7 management tools and explain any three. (8)

ii) Discuss briefly the various tools of statistical fundamentals. (8)

1. Write short notes on:
   1. Benchmarking (8)
   2. TPM (8)
2. Explain the types of benchmarking and its benefits and pitfalls. (8)