Date : 28/05/2008
Time : 10.00 a.m. to 1.00 p.m.
Note: 1. Attempt any five questions from the following.
      2. All questions carry equal marks.

Q1. With reference to productivity explain the following terms & concepts.
   1. Need evolution & definition.
   2. Product, productivity & production mgmt.
   3. Productivity & performance

Q2. With respect to value analysis explain, Various types of value of products & their applications.

Q3. Create functional chain diagram for following products.
   1. Kitchen mixer
   2. Battery operated torch
   3. Cell phone

Q4. a) Explain the 7 tools of QC with suitable example for each
    b) What are key concepts of total quality management

Q5. a) Discuss various incentives plans
    b) Explain David Sumanth’s 5-pronged approach towards productivity

Q6. a) Distinguish between lateral and vertical thinking
    b) Explain taguchi method & kepner trego method of problem solving

Q7. Explain 5 S’s for effective Kaizan implementation

Q8. a) Elaborate on statistical process control process
    b) What is business process reengineering

Best of Luck