



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)

उत्तराखण्ड मुक्त विश्वविद्यालय हल्द्वानी (नैनीताल)

Programme Name-MBA-Third Semester

Programme Code-MBA-10

Course Name-Production Planning and Control

Course Code-MU2403

Maximum Marks-40

Session -2012-13, Summer

Last Date of Submission: 15 January , 2013

Section-A

Section 'A' contains 08 short answer type questions of 5 marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

Discuss the following –

1. Steps involved in Production Planning
2. Aggregate Capacity Planning
3. Capacity Requirement Planning
4. Gantt Charts
5. Decision Tree Analysis
6. Automation
7. Monte Carlo Simulation
8. Flexible Manufacturing System

Section-B

Section 'B' contains 04 long answer-type questions of 10 marks each. Learners are required to answers 02 questions only.

1. Explain the role of production planning and control in the engineering industry.
2. What is process design? Bring out the steps involved in designing a process.
3. Explain robotics along with its components, advantages and disadvantages.
4. 'Simulation can be applied to any kind of real world problem that cannot be solved through a mathematical calculation because of its complications and complexity'.
Discuss