



## उत्तराखंड मुक्त विश्वविद्यालय हल्द्वानी (नैनीताल)

**Programme Name-MBA-Third Semester**

**Programme Code-MBA-13**

**Course Name- Production Planning and Control**

**Course Code-MU 2403**

**Maximum Marks-40**

**Session -2014-15, Summer**

**Last Date of Submission: 31 January, 2015**

### Section-A

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

Discuss the following (1-8) –

1. Aggregate Capacity Planning
2. Benefits of Production Planning and Control
3. Process of Shop Floor Planning
4. Flexible Manufacturing System
5. Intermittent Production Systems
6. Limitations of Linear Programming
7. Product development process
8. Decision Tree Analysis

### Section-B

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

1. Discuss the models that are used for the evaluation of the short-term and long-term capacity requirements of an organisation.
2. What are the main stages of production planning process? Explain the role of production planning and control in the engineering industry.
3. Explain the role of design and marketing departments with respect to the product development process.
4. Explain the applications of CAD and CAM in manufacturing organisations.