

**BE (Chemical)-MBA, Sem-6<sup>th</sup> and Sem-4<sup>th</sup>**

**Production and Operations Management (CHO 401 & MBA104) (1<sup>st</sup> Periodical)**

**Max. Marks: 25**

**Max Time: 1 hour**

**Note: All questions are compulsory and carry equal marks.**

1. (a) Define concept of production planning and control.  
(b) Define Work study.  
(c) Define operations management.  
(d) What is a Cellular Layout?  
(e) Discuss the utility of Method Study [2X5]
2. Explain the steps involved in new product design and development with examples. [5]
3. Discuss the objectives of plant location. What are the various important factors to be kept in mind while deciding on a new plant location? Give examples. [5]
4. Discuss the concept and importance of Capacity Planning. What are the factors affecting capacity planning? [5]