

IV B.Tech I Semester Supplementary Examinations, April/May 2005
PRODUCTION PLANNING AND CONTROL
(Common to Mechanical Engineering, Mechatronics and Production Engineering)

Time: 3 hours

Max Marks: 70

Answer any FIVE Questions
All Questions carry equal marks

1. (a) Explain in detail about the Process Plan of a product.
(b) Explain the common steps which are generally followed by all process planners.
2. (a) Explain the organization of service systems.
(b) What is the experience curve phenomenon. Explain.
3. (a) Explain when judgmental techniques are used in forecasting.
(b) Explain when casual forecasting method is used.
4. What is meant by ABC analysis? Explain the procedure to classify the items under A,B,C categories.
5. (a) Define material requirement planning (MRP)
(b) What are the inputs to material requirement planning (MRP)
(c) What are the objectives of MRP
6. (a) What do you meant by bill of material ?
(b) Explain the bill of material with design specification chart.
7. (a) Describe machine loading and scheduling with an example
(b) Describe index method of scheduling
8. (a) What is meant by Dispatching?
(b) Enumerate the duties of a Dispatcher.
(c) Give a list of records maintained by Dispatching Department?
