

End Semester/Reappear (Semester II) Examination July 2022

Programme: ABM
Subject: Production & Operations Management
Subject Code: 11.551
Enrollment No: _____

Full Marks: 70
Time: 3 Hrs.

Section I

- 1. Short Answer type questions. Answer any four. 4 x 5 = 20**
- What is work simplification? Compare standardization with simplification.
 - Explain the meaning of codification.
 - Elaborate the concept of capacity planning.
 - Describe the term MRP. Give suitable examples.
 - Write a short note on the significance of operation management.
 - Distinguish between product development and design.

Section II

- Long Answer type questions. Answer any three. 3 x 10 = 30**
- What is the difference between aggressive planning and forecasting? State their advantages and disadvantages.
 - How do inventory control techniques work in real world? Explain and outline its importance.
 - Instead of offering many products a company can shift to minimum products with perfection. Keeping this in view, recommend the importance of Variety reduction.
 - “Supply chain management (SCM) is the active management of supply chain activities to maximize customer value”. Illustrate using examples.
 - Write a detailed note on Disaster communication system.

Section III

- Application based questions. Answer any one. 1 x 20 = 20**
- “The pattern of plant layout are largely determined by the systems of production adapted”. In view of differing system of production indicate the applicability of product and process layout in each system of production.
 - Consider yourself a manager responsible for managing inventory in a pharmaceutical industry. How will you make use of VED analysis to encompass both the criteria of usage value and criticality of items?
 - Recommend the importance of Earned Value Management in an organization.
