



DD-BP708T

Seat No. _____

M. P. M. (Sem. VII) (CBCS) (W.E.F. 2017) Examination

March – 2022

Material and Operation Management

Time : 3 Hours]

[Total Marks : 75

Instructions : (1) Figure to the right indicates full marks for the respective question.

(2) Draw neat and clean diagram when required.

1 Answer the following questions : **20**

- (1) Define Raw Material.
- (2) What is Facility planning?
- (3) Describe Inventory Control.
- (4) Explain Product design.
- (5) Define Industrial goods.
- (6) Explain Operation Management.
- (7) Describe Forecasting.
- (8) Give the meaning of Product with appropriate example.
- (9) Define Facility Layout.
- (10) Explain the term Simplification.

2 Answer the following questions : (Write Any Two) **20**

- (1) Define Plant Layout. Discuss objectives of ideal Plant Layout.
- (2) Explain Codification with its characteristics and objectives.
- (3) Write a detail note on factors affecting Plant Location.

3 Answer the following questions : (Write Any Seven) **35**

- (1) Explain important functions of Production Manager.
- (2) Discuss Fundamental principles of material management.

- (3) Write a detail note on Just-in-time inventory control technique.
 - (4) Describe the Merits & challenges of Integrated Material Management.
 - (5) Write a note on Batch Processing and Job shop process.
 - (6) Explain the Significance of the Inventory Control in Pharmaceutical Industry.
 - (7) Write a detail note ABC Analysis.
 - (8) Discuss the classifications of Materials with illustration.
 - (9) Explain the Process of Material requirement planning (MRP).
-