

# AMCT27 MATERIALS MANAGEMENT

## UNIT-1 INTRODUCTION

- 1.1 Introduction to material management,
- 1.2 Importance of integrated materials management,
- 1.3 Need for integrated materials management,
- 1.4 Concept, definition, scope and advantage-
- 1.5 An overview, A-B-C analysis, codification, variety reduction, standardization.

## UNIT-2 PURCHASE MANAGEMENT

- 2.1 Material planning and purchase,
- 2.2 Purchase system, procedures, price forecasting,
- 2.3 Purchasing of capital equipment, vendor development,
- 2.4 Account procedure, purchasing decisions, procurement policies.

## UNIT-3 WARE HOUSING AND STORE MANAGEMENT

- 3.1 Store keeping principles
- 3.2 Past and latest techniques, stores-general layout,
- 3.3 Cost aspect and productivity, problems and development,
- 3.4 Store system procedures incoming material control,
- 3.5 Store accounting and stock incoming material control,
- 3.6 Store accounting and stock verification, value analysis.

## UNIT-4 INVENTORY MANAGEMENT

- 4.1 Introduction, basic models,
- 4.2 Definition of commonly used terms, replenishment model,
- 4.3 Choice of system etc., inventory work in progress, safety stock,
- 4.4 Computerization in materials management control,
- 4.5 Information to materials management case study, spare parts.

## UNIT-5 MATERIAL PROCUREMENT PROCEDURES

- 5.1 Arbitration act- octroi,
- 5.2 Central and local sales tax, excise duties- custom tariff, import,
- 5.3 Control policies, procurement from government agencies and international market
- 5.4 Insurance, DGS and D tariff.

### References Books:

1. Datta A.K., Materials Management Procedure, Test and Cases, Prentice Hall of India Private Ltd., New Delhi, 1984.
2. Prichard J.W and Eagle R.H., Modern Inventory Management, NY, Wiley and Breach Science Publishers, 1972.