

**SARDAR PATEL UNIVERSITY**  
**Programme: Bachelor of Vocation (Supply Chain and Logistics)**  
**Semester: I**  
**Syllabus with effect from: June 2015**

<b>Paper Code:</b> UB01CBVS02	<b>Total Credits: 5</b>
<b>Title Of Paper:</b> Inventory Management	

Unit	Description in detail	Weightage (%)
<b>1</b>	<b>Introduction</b> <ul style="list-style-type: none"> <li>➤ Importance &amp; Scope of Inventory Control</li> <li>➤ Types of Inventory (Four)</li> <li>➤ Costs Associated with Inventory</li> </ul>	<b>25%</b>
<b>2</b>	<b>Inventory Control</b> <ul style="list-style-type: none"> <li>➤ Selective Inventory Control</li> <li>➤ Economic Order Quantity</li> <li>➤ Safety Stocks</li> </ul>	<b>25%</b>
<b>3</b>	<b>Inventory Management Systems</b> <ul style="list-style-type: none"> <li>➤ Forecasting Techniques</li> <li>➤ Material Requirement Planning</li> <li>➤ Manufacturing Planning</li> <li>➤ Just in Time (JIT)</li> </ul>	<b>25%</b>
<b>4</b>	<b>General Management of Inventory</b> <ul style="list-style-type: none"> <li>➤ Consumables Stores &amp; Spare Parts Inventories</li> <li>Computers Application in Inventory Management</li> </ul>	<b>25%</b>

**Basic Text & Reference Books:**

- Inventory Management: By Bose & D Chandra, 1st edition.
- Sridhara Bhat, Inventory Management, 2nd edition.
- Bose & D Chandra, Inventory Management 4th edition.
- Zipkin, Foundations of Inventory Management, McGraw Hill 1st edition.
- Seetharama L Narasimhan, Dennis W McLeavy, Peter J Billington, Production Planning and Inventory Control, Prentice Hall of India
- J.R.Tony Arnold, Stephen N Chapman, Introduction to materials management, Prentice Hall of India 3 rd edition

