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| **SESSION** |  **FEBRUARY - MARCH 2025** |
| **PROGRAM** | **MASTER OF BUSINESS ADMINISTRATION (MBA)** |
| **SEMESTER** | **03** |
| **COURSE CODE & NAME** | **DOMS303 LOGISTICS AND SUPPLY CHAIN MANAGEMENT**  |
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**Assignment Set – 1**

**Q1. Identify and examine various challenges in the supply chain management. 10**

**Ans 1.**

**Supply Chain Challenges**

Supply Chain Management (SCM) is a complex process that involves the planning, implementation, and monitoring of supply chain activities. It integrates the flow of goods, information, and finances across the entire supply chain network. However, managing this flow comes with various challenges that can affect efficiency, cost, and customer satisfaction.

**Demand Forecasting and Variability**

One of the most persistent challenges in supply chain management is the unpredictability of customer demand. Inaccurate demand forecasting can lead to stockouts or excess inventory.

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**Q2. What factors should be considered in selecting suppliers? 10**

**Ans 2.**

**Supplier Selection**

Supplier selection is a critical component of supply chain management, as the efficiency, quality, and cost of production largely depend on the reliability of suppliers. Choosing the right suppliers ensures a smooth flow of raw materials and services, enhances the overall value chain, and maintains customer satisfaction. A strategic and structured approach must be followed when evaluating and selecting suppliers to align with business goals and

**Q3. How does the CPFR model facilitate collaboration, and what are the key phases involved in its implementation? 5+5**

**CPFR Model**

Collaborative Planning, Forecasting, and Replenishment (CPFR) is a strategic approach designed to enhance supply chain integration by encouraging collaborative practices between supply chain partners. The CPFR model enables manufacturers, distributors, and retailers to work together in forecasting demand, planning production, and managing replenishment activities. By aligning goals and sharing data, CPFR improves transparency, reduces inefficiencies, and enhances customer service levels.

**Facilitation of Collaboration**

CPFR fosters collaboration through a shared framework that encourages open

**Assignment Set – 2**

**Q4. How can businesses assess the effectiveness of their supply chain management processes using different evaluation methods? 10**

**Ans 4.**

**Supply Chain Assessment**

Evaluating the effectiveness of supply chain management (SCM) is critical for organizations aiming to improve efficiency, reduce costs, and enhance customer satisfaction. By using structured evaluation methods, businesses can gain insights into the performance of their supply chains, identify bottlenecks, and implement improvements that align with strategic goals.

**Key Performance Indicators (KPIs)**

One of the most common and effective methods for assessing supply chain performance is

**Q5. In what ways do information systems enhance supply chain visibility, coordination, and decision-making? 10**

**Ans 5.**

**Information Systems in SCM**

Information systems have become an indispensable component of modern supply chain management. They facilitate the real-time flow of data and streamline operations across multiple functions and geographic locations. Through effective deployment, businesses can achieve greater supply chain visibility, improved coordination, and informed decision-making, all of which are essential for competitive advantage.

**Enhancing Supply Chain Visibility**

Supply chain visibility refers to the ability to track goods, information, and processes across

**Q6. Why is reverse supply chain management gaining importance, and how does it contribute to sustainable business practices? 5+5**

**Ans 6.**

**Reverse Supply Chain Management**

Reverse supply chain management (RSCM) deals with the movement of products from customers back to the company for purposes such as returns, repairs, refurbishing, recycling, or disposal. With the rise of e-commerce, product returns have significantly increased, making RSCM a critical component of logistics. Additionally, heightened environmental awareness and regulatory requirements have pushed companies to manage post-consumer waste responsibly. Reverse supply chains help businesses recover value, reduce waste, and