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| **SESSION** | **AUGUST/SEPTEMBER2023** |
| **PROGRAM** | **MASTEROF BUSINESS ADMINISTRATION (MBA)** |
| **SEMESTER** | **III** |
| **COURSE CODE & NAME** | **DOMS303 LOGISTICS AND SUPPLY CHAIN MANAGEMENT** |
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**Assignment Set – 1**

**1. Explain the advanced information technology solutions being utilized to assist logistics and supply chain management and its benefits. 5+5**

**Ans 1.**

Advanced information technology solutions are revolutionizing logistics and supply chain management, streamlining processes, and enhancing efficiency in remarkable ways. These technologies offer numerous benefits, from improving accuracy and speed to enhancing collaboration and visibility across the supply chain.

Firstly, the integration of Artificial Intelligence (AI) and Machine Learning (ML) is a game-changer. AI algorithms can predict demand, manage inventory, and optimize routing for

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**2. What is the Significance of forecasting in the supply chain? Explain the quantitative and qualitative approaches to forecasting. 2+8**

**Ans 2.**

**Significance of forecasting in the supply chain**

Forecasting plays a crucial role in the effective management of supply chains. It is a key process that helps businesses anticipate market demands, manage resources efficiently, and make informed decisions to maintain continuity and competitiveness.

In the realm of supply chain management, forecasting primarily revolves around predicting future customer demand for products and services. This prediction is vital for several reasons.

**3. Define CPFR and explain the CPFR model in the supply chain collaboration. 2+8**

**Ans 3.**

**CPFR**

**Collaborative Planning, Forecasting, and Replenishment (CPFR)** is a business practice that combines the intelligence of multiple trading partners in the planning and fulfillment of customer demand. CPFR links sales and marketing best practices, such as category management, to supply chain planning and execution processes to increase availability while reducing inventory, transportation, and logistics costs.

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**Assignment Set – 2**

**4. What is Contract management? Explain its process and strategies. 2+8**

**Ans 4.**

Contract management is a critical aspect of business operations that involves the creation, execution, and analysis of contracts to maximize operational and financial performance while minimizing risk. It is an integral part of modern business practices, ensuring that contracts are not only effective and efficient but also compliant with legal and regulatory standards.

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**5. What is E-Procurement? State the functions and advantages of E- Procurement. 2+8**

**Ans 5.**

E-Procurement, also known as electronic procurement, refers to the process of purchasing goods and services using electronic methods, typically over the internet. This approach to procurement has revolutionized the way organizations handle their purchasing needs by leveraging technology to streamline and optimize the procurement process.

**Functions of E-Procurement**

1. **Supplier Management**: E-procurement platforms allow organizations to manage

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**6. Define the GSCF model of supply chain management. Explain its process. 2+8**

**Ans 6.**

The Global Supply Chain Forum (GSCF) model is a comprehensive framework for understanding and implementing effective supply chain management (SCM). Developed by the Global Supply Chain Forum, this model emphasizes the strategic alignment of a company's supply chain with its business objectives, ensuring that the entire chain operates

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