

**C-5637**

**Sub. Code**

**80821**

**DIPLOMA EXAMINATION, APRIL 2025**

**Second Semester**

**Logistics and Shipping**

**INTERNATIONAL BUSINESS MANAGEMENT**

**(2023 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** questions.

1. \_\_\_\_\_ is a key driver globalization in international business.
  - (a) Protectionist trade policies
  - (b) Localization strategies
  - (c) Economic integration
  - (d) Domestic market saturation
  
2. \_\_\_\_\_ role does international trade play in the world economy.
  - (a) It only benefits developed countries
  - (b) It facilitates economic growth and specialization
  - (c) It leads to global isolationism
  - (d) It increases trade deficits for all countries

3. The World Trade Organization (WTO) was established in
- (a) 1945
  - (b) 1960
  - (c) 1985
  - (d) 1995
4. The main objective of the Uruguay Round of trade negotiations is \_\_\_\_\_.
- (a) To establish the World Trade Organization (WTO)
  - (b) To create a common currency for global trade
  - (c) To reduce tariffs and trade barriers worldwide
  - (d) To promote bilateral trade agreements
5. \_\_\_\_\_ is the first step in the global strategic management process.
- (a) Strategy formulation
  - (b) Strategy implementation
  - (c) Environmental analysis
  - (d) Goal setting
6. \_\_\_\_\_ is a key challenge in implementing global strategies across different countries.
- (a) Language barriers
  - (b) Cultural differences
  - (c) Trade tariffs
  - (d) Technological constraints

7. \_\_\_\_\_ best defines Foreign Direct Investment (FDI).
- (a) Cross-border trade in goods and services
  - (b) Investment in financial markets of foreign countries
  - (c) Long-term investment by a company in a foreign country, involving ownership and control
  - (d) Government loans to support foreign businesses
8. The factor not typically considered when assessing the attractiveness of a host country for Foreign Direct Investment (FDI) is \_\_\_\_\_.
- (a) Political stability
  - (b) Language barriers
  - (c) Regulatory environment
  - (d) Infrastructure quality
9. The city known as the e-commerce capital of India is
- (a) Bangalore                      (b) Mumbai
  - (c) Hyderabad                      (d) Delhi
10. The factor which is least likely to influence pricing decisions is \_\_\_\_\_
- (a) Production costs
  - (b) Competitors' prices
  - (c) Government regulations
  - (d) Customer demographics

**Part B**

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b)

11. (a) Discuss the key drivers of globalization and their impact on international business.

Or

- (b) Analyse the economic benefits of globalization for developing countries.

12. (a) Explain the role of GATT in the reduction of tariffs and trade barriers.

Or

- (b) Evaluate the decision-making processes within the World Trade Organisation.

13. (a) Explain the role of competitive advantage in business unit-level strategies.

Or

- (b) Explain the importance of adaptation various standardization in global strategy.

14. (a) Discuss the advantages and disadvantages of horizontal FDI for multinational enterprises.

Or

- (b) Analyse the factors influencing exchange rate determination in the foreign exchange market.

15. (a) Evaluate the relevance of the International Product Life Cycle (IPLC) model in the context of globalization.

Or

- (b) Analyse the impact of digital transformation on international business processes.

**Part C**

(5 × 8 = 40)

Answer **all** questions choosing either (a) or (b)

16. (a) Explain the stages of international business development, from domestic focus to global integration.

Or

- (b) Discuss in detail about the impact of globalization on labour markets and employment.

17. (a) Analyse the impact of India's membership in the World Trade Organization (WTO) on its economic growth and development.

Or

- (b) Discuss the role of FDI in promoting industrialization and upgrading of economic growth.

18. (a) Detail notes on how do cultural differences influence perceptions of ethical behavior and corporate governance practices.

Or

- (b) Evaluate the role of SWOT analysis in developing international competitive strategies.

19. (a) Discuss the implications of currency crises and financial contagion on the global monetary system.

Or

- (b) Discuss the implications of exchange rate regimes on the foreign exchange market.

20. (a) Evaluate the impact of regulatory environments and trade policies on international pricing decisions.

Or

- (b) Discuss the impact of government policies and regulatory frameworks on the growth of e-commerce in India.

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**C-5638**

**Sub. Code**

**80822**

**DIPLOMA EXAMINATION, APRIL 2025**

**Second Semester**

**Logistics and Shipping**

**WAREHOUSING AND INVENTORY MANAGEMENT**

**(2023 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Section A**

(10 × 1 = 10)

Answer **all** questions.

1. The functional organizational structure in retail store divisions groups employees based on —————
  - (a) Geographic location
  - (b) Product categories or departments
  - (c) Hierarchical levels
  - (d) Customer segments
  
2. ————— is the primary purpose of a warehouse in logistics.
  - (a) To store and manage inventory
  - (b) To sell products directly to customers
  - (c) To conduct market research
  - (d) To advertise products

3. \_\_\_\_\_ technology is commonly used for real-time tracking of inventory movements within a warehouse.
- (a) CCTV cameras
  - (b) Barcode scanners
  - (c) Smoke detectors
  - (d) Loudspeakers
4. The primary purpose of inventory management software is
- (a) Tracking employee attendance
  - (b) Automating payroll processing
  - (c) Managing stock levels and inventory
  - (d) Analyzing customer feedback
5. The role of logistics in the supply chain is \_\_\_\_\_
- (a) Managing human resources
  - (b) Managing customer relationships
  - (c) Managing the flow of goods and information
  - (d) Managing sales promotions
6. \_\_\_\_\_ type of inventory includes items needed for day-to-day operations but not directly used in production.
- (a) Raw materials
  - (b) Safety stock
  - (c) Finished goods
  - (d) Maintenance, Repair, and Operations (MRO)
7. In ABC inventory control, items are categorized based on \_\_\_\_\_
- (a) Alphabetical order
  - (b) Cost of the item
  - (c) Frequency of orders
  - (d) Manufacturer's location



8. How does an echelon network support resilience in supply chain management?
- (a) By centralizing all logistics operations
  - (b) By decentralizing decision-making processes
  - (c) By providing redundancy in distribution channels
  - (d) By eliminating all intermediaries
9. RFID technology differ from barcode technology by
- (a) RFID requires line-of-sight scanning
  - (b) RFID tags can store more information than barcodes
  - (c) RFID is less expensive to implement
  - (d) RFID is only used in retail environments
10. How does reducing handling time in warehouse operations benefit businesses?
- (a) Increases inventory levels
  - (b) Reduces employee turnover
  - (c) Delays order fulfillment
  - (d) Lowers operational costs

**Section B**

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) What are the primary considerations when determining the division of space in a retail store?

Or

- (b) List down the steps involved in replenishment of stock items.

12. (a) Enumerate the importance of inventory management software in modern supply chain operations.

Or

- (b) Evaluate the impact of cloud computing on warehousing operations.

13. (a) Discuss the primary objectives of inventory management in business operations.

Or

- (b) Evaluate the role of technology in managing WIP inventory.

14. (a) Explain the role echelon inventory system in supply chain management.

Or

- (b) Enumerate the benefits of implementing ABC inventory control.

15. (a) Discuss the importance of safety considerations in determining vehicle travel paths.

Or

- (b) Evaluate the economic implications of congestion on logistics and supply chain operations.

**Section C**

(5 × 8 = 40)

Answer **all** questions, choosing either (a) or (b).

16. (a) Explain the key factors that influence the selection of a warehouse location.

Or

- (b) Evaluate the importance of decision-making processes within the organizational structure of store divisions.
17. (a) Discuss about the key features should businesses consider when selecting such software to enhance efficiency and reduce costs.

Or

- (b) Examine the scalability and customization options available in storekeeping and inventory control packages.
18. (a) Detail analysis on how effective supply chain management can contribute to enhancing customer satisfaction and loyalty.

Or

- (b) Analyse the impact of effective MRO inventory management on maintenance operations and overall asset reliability.
19. (a) Discuss in detail about the evolution of ABC inventory control and its relevance in modern supply chain management practices.

Or

- (b) Explain the challenges and considerations in implementing echelon inventory systems in global supply chains.

20. (a) Discuss about different types of material handling equipment and technologies enhance operational efficiency.

Or

- (b) Discuss about how RFID enhance inventory visibility and improve supply chain operation.
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<b>C-5639</b>
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<b>80823</b>
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**DIPLOMA EXAMINATION, APRIL 2025**

**Second Semester**

**Logistics and Shipping**

**TRANSPORTATION AND DISTRIBUTION  
MANAGEMENT**

**(2023 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** questions.

1. In supply chain management, distribution involves \_\_\_\_\_
  - (a) Delivering products to end customers
  - (b) Managing inventory levels
  - (c) Production planning
  - (d) Supplier selection
2. Effective distribution management contribute to supply chain performance
  - (a) By reducing transportation costs
  - (b) By increasing production capacity
  - (c) By minimizing inventory turnover
  - (d) By improving customer service levels

3. The primary objective of material management in an organization involves \_\_\_\_\_
- (a) Maximizing employee satisfaction
  - (b) Minimizing production costs
  - (c) Maximizing advertising budgets
  - (d) Minimizing customer complaints
4. \_\_\_\_\_ factor is not typically considered when designing a distribution network.
- (a) Customer demand patterns
  - (b) Geographic location of suppliers
  - (c) Labor union regulations
  - (d) Transportation infrastructure
5. Multimodal transportation is \_\_\_\_\_
- (a) Using a single mode of transport for an entire shipment
  - (b) Using multiple transportation modes under a single contract
  - (c) Using different transport modes with separate contracts
  - (d) Using only air and road transportation modes
6. \_\_\_\_\_ document is commonly used in multimodal transportation to cover the transportation of goods using more than one mode of transport.
- (a) Airway Bill
  - (b) Bill of Lading
  - (c) Multimodal Transport Document (MTD)
  - (d) Packing List

7. The freight term that refers to the cost of transporting goods over a specified distance is \_\_\_\_\_
- (a) Freight allowance
  - (b) Freight charge
  - (c) Freight quote
  - (d) Freight tariff
8. \_\_\_\_\_ is a key aspect of transportation operation management.
- (a) Product design
  - (b) Route planning and scheduling
  - (c) Market segmentation
  - (d) Research and development
9. \_\_\_\_\_ is the primary function of transit operation software.
- (a) Route optimization and scheduling
  - (b) Passenger ticket sales
  - (c) Vehicle maintenance scheduling
  - (d) Advertising management
10. The advantage intermodal freight technology offer over traditional single-mode transportation includes \_\_\_\_\_
- (a) Lower fuel costs
  - (b) Increased transit times
  - (c) Enhanced cargo security
  - (d) Reduced regulatory compliance

**Part B**

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Discuss the role of distribution in optimizing supply chain performance.

Or

- (b) List down the importance of warehousing in modern supply chains.

12. (a) Explain about the impact of global supply chain disruptions on distribution network planning.

Or

- (b) Examine the role of transportation in the supply chain and material management process.

13. (a) Analyse the performance characteristics of road and rail transportation modes.

Or

- (b) List down the advantages of using multimodal transportation.

14. (a) Discuss the role of cost negotiation in transportation management.

Or

- (b) Examine the role of data analytics in transportation management.

15. (a) Explain the components and capabilities of a modern fleet management system.

Or

- (b) Discuss the advantages of inspection system in SCM.



**Part C**

(5 × 8 = 40)

Answer **all** questions, choosing either (a) or (b).

16. (a) Evaluate the impact of technology and digitalization on distribution practices within supply chain management.

Or

- (b) Discuss the cost advantages of using a direct distribution model compared to traditional channel distribution strategies.

17. (a) Evaluate the key factors that influence the design and performance of a distribution network.

Or

- (b) Discuss in detail about the key components and stages of the material management process.

18. (a) Explain the concept of multimodal transportation and its significance in global logistics in detail.

Or

- (b) Analyze the impact of transportation costs on overall supply chain performance.

19. (a) Discuss the critical functions of transportation operation management in ensuring smooth logistics operations.

Or

- (b) Explain in detail about how do ITMS solutions address the unique challenges of e-commerce logistic.

20. (a) Evaluate the environmental and economic benefits of intermodal freight technology.

Or

- (b) Explain how technology is used to enhance transportation security in modern supply chain environment.
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<b>Sub. Code</b>
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<b>80824</b>
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**DIPLOMA EXAMINATION, APRIL 2025**

**Second Semester**

**Logistics and Shipping**

**STEVEDORING/FREIGHT FORWARDING AND PORT  
OPERATIONS**

**(2023 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 1 = 10)

Answer **all** questions.

1. \_\_\_\_\_ is the primary objective of cargo handling in maritime operations.
  - (a) Maximizing passenger comfort
  - (b) Ensuring safe and efficient transportation of goods
  - (c) Minimizing fuel consumption
  - (d) Enhancing onboard entertainment options
2. The term that describes the unused space between cargo units that cannot be filled due to their irregular shapes is \_\_\_\_\_.
  - (a) Stowage factor      (b) Load line
  - (c) Deadweight        (d) Broken stowage

3. The IMDG Code is primarily concerned with \_\_\_\_\_
- (a) Safe transportation of dangerous goods by sea
  - (b) Safety of passengers on cruise ships
  - (c) Regulation of fishing vessel operations
  - (d) Air cargo safety
4. The reason why proper cargo ventilation is crucial when handling bulk cargoes is
- (a) To reduce crew discomfort
  - (b) To prevent cargo degradation and spoilage
  - (c) To conserve energy
  - (d) To increase cargo weight
5. \_\_\_\_\_ type of container is typically used for transporting liquid bulk cargoes like chemicals and food products.
- (a) Flat rack container
  - (b) Open top container
  - (c) Tank container
  - (d) Reefer container
6. The disadvantage of palletization is \_\_\_\_\_
- (a) Increased risk of cargo damage
  - (b) Improved handling efficiency
  - (c) Better ventilation for perishable goods
  - (d) Ease of automated handling

7. The role inspectors play under the Dock Workers (Safety, Health and Welfare) Act 1986 is \_\_\_\_\_
- (a) Issuing export licenses for cargo shipments
  - (b) Monitoring environmental regulations in ports
  - (c) Negotiating labor contracts for dock workers
  - (d) Conducting safety audits and inspections
8. The powers typically vested in inspectors appointed under the Dock Workers (Safety, Health and Welfare) Act 1986 is \_\_\_\_\_
- (a) Power to issue fines and penalties for non-compliance
  - (b) Authority to detain ships in port indefinitely
  - (c) Ability to seize cargo for inspection purposes
  - (d) Permission to modify port infrastructure
9. The factor that affects empty container channelization efficiency is \_\_\_\_\_
- (a) Container color coding
  - (b) Container age
  - (c) Container material
  - (d) Container shape
10. The goal of de-stuffing procedures is to \_\_\_\_\_
- (a) Increase container throughput
  - (b) Ensure cargo integrity
  - (c) Reduce shipping costs
  - (d) Expedite customs inspections

**Part B**

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Discuss the concept of broken stowage in maritime cargo operations.

Or

- (b) Explain about Safe Working Load in the context of lifting operations.

12. (a) Explain the significance of the Code of Safe Practice for Solid Bulk Cargoes.

Or

- (b) Enumerate the importance of documentation in maritime logistics.

13. (a) Discuss the advantages of standardized containerization in enhancing supply chain efficiency.

Or

- (b) Explain the challenges in integrating gas detection systems.

14. (a) Evaluate the environmental and safety considerations associated with transporting salt.

Or

- (b) Explain the obligations and duties imposed on dock workers under the Dock Workers.

15. (a) Explain the role of freight forwarders in optimizing supply chain efficiency and customer satisfaction.

Or

- (b) Explain the challenges in reverse logistics for empty containers.

**Part C**

(5 × 8 = 40)

Answer **all** questions, choosing either (a) or (b).

16. (a) Describe the fundamental principles of cargo handling in maritime operations.

Or

- (b) Analyse the role of environmental regulations and international standards in contamination handling practices.

17. (a) Discuss in detail about the environmental and health risks associated with bulk cargo handling.

Or

- (b) Explain the purpose and scope of the IMDG Code in maritime shipping.

18. (a) Discuss the types and functionalities of refrigerated containers used in the transportation of temperature-sensitive goods.

Or

- (b) Explain the characteristics and operational requirements of liquid bulk pipelines versus gas pipelines in maritime transportation.

19. (a) Elaborate the challenges in loading and stowing rice for export shipments.

Or

- (b) Explain the effectiveness of the Dock Workers Act 1986 in improving the working conditions and welfare of dock workers.

20. (a) Explain the factors influence container demand and supply dynamics in international trade.

Or

- (b) Enumerate the importance of effective de-stuffing procedures in container logistics.

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