Final Test Semister 4 Paper 22 INDIAN INSTITUTE OF MATERIALS MANAGEMENT ADVANCED SUPPLY CHAIN MANAGEMENT & LOGISTICS [PGDMM, PGDSCM & L (2 years)]

Instructions:
1. Answer all 50 questions. Each question carries 2 marks Total : 100 Marks
2. Duration 1 Hour.

*Required

1. Email *

2. Name *

3. Roll Number *

4. 1. Supply chain is a __________ of entities at various stages

   Mark only one oval.

   - Conglomerate
   - Network
   - Group
   - Mix
2. The two types of drivers in a supply chain are

*Mark only one oval.*

- Logistical and cross functional
- Inbound and outbound
- Efficiency and responsiveness
- Suppliers and customers

3. The physical location where a product is stored, assembled or fabricated is called

*Mark only one oval.*

- Capacity
- Facilities
- Intermediary
- Entity

4. The potentially biggest performance driver in a supply chain is

*Mark only one oval.*

- Information
- Facilities
- Inventory
- Transportation

5. An organization has both low demand and supply uncertainty. The best strategy for their supply chain is

*Mark only one oval.*

- Efficient supply chain
- Responsive supply chain
- Risk-hedging supply chain
- Agile supply chain
9. Product A has predictable demand and short lead time. The organization’s strategy for its supply chain is

*Mark only one oval.*

- [ ] Lean continuous replenishment
- [ ] Lean plan and execute model
- [ ] Leagile postponement
- [ ] Agile quick response

10. "The decoupling point should be as far in the downstream supply chain as possible". This means

*Mark only one oval.*

- [ ] Products are customized closed to customer
- [ ] Products are customized far away from the customer
- [ ] Components are customized close to supplier
- [ ] Components are customized at the producing organization

11. The SCOR model of SC helps in identifying __________ and imperfections

*Mark only one oval.*

- [ ] Structure
- [ ] Effectiveness
- [ ] Efficiency
- [ ] Redundancies

12. Pick up the right answer about the following two statements A) Procurement of standardized product require expertise in both product and process B) Product life cycle has direct impact on obsolescence

*Mark only one oval.*

- [ ] Only statement A is true
- [ ] Only statement B is true
- [ ] Both A and B are true
- [ ] Both A and B are not true
13. 10. Which of the following is NOT a structure of SCM

Mark only one oval.

☐ Serial Structure
☐ Convergent Structure
☐ Divergent Structure
☐ Hybrid Structure

14. 11) Which of the following choice about the given two statements is true A) Inter organizational supply chain exists where supply chain entities are legally separated B) Direction of coordination suggests that informational flows are always vertical

Mark only one oval.

☐ Only statement A is true
☐ Only statement B is true
☐ Both A and B are true
☐ Both A and B are not true

15. 12. A complaint from a customer on his newly purchased washing machine can be included in which of the following flow

Mark only one oval.

☐ Material flow
☐ Information flow
☐ Financial flow
☐ Reverse flow

16. 13. Retail order entry is an activity that occurs in which stage of a supply chain

Mark only one oval.

☐ Customer order cycle
☐ Replenishment cycle
☐ Manufacturing cycle
☐ Procurement cycle
17. Which of the following correctly narrate the characteristics of Ford supply chain

Mark only one oval.

- Highly efficient but inflexible
- Long term relationship with the suppliers
- Customized products
- Wide variety of products at low cost

18. Green revolution and challenging environmental regulation has given rise to __________ logistics

Mark only one oval.

- Inbound
- Outbound
- Reverse
- Global

19. The design decisions of supply chain include all of the following EXCEPT

Mark only one oval.

- Activities of the focal firms
- Outsourcing decisions
- Number of customers and the relationship with them
- Location of facilities

20. All are related to Strategic fit of supply chain EXCEPT

Mark only one oval.

- Strategic fit is achieved through communication among groups and coordination by top management
- Supply chain strategies and competitive strategies are mutually exclusive
- There exists a right SC strategy for a competitive strategy
- Motivation for strategic fit should start from top management
21. All are true about demand forecast EXCEPT

*Mark only one oval.*

- [ ] Demand forecast is always wrong
- [ ] Long term forecasts are more accurate than short term forecasts
- [ ] Aggregate forecasts are accurate
- [ ] Forecast is based on assumptions

22. A time series model of demand forecasting is

*Mark only one oval.*

- [ ] Causal model
- [ ] Moving Average
- [ ] Sales composite
- [ ] Delphi method

23. Which of the following is NOT a measure of forecast error

*Mark only one oval.*

- [ ] Mean squared error
- [ ] Standard deviation
- [ ] Mean absolute error
- [ ] Tracking signal

24. A measure of bias in forecasting is

*Mark only one oval.*

- [ ] Mean Squared Error
- [ ] Mean Absolute error
- [ ] Mean Absolute percentage error
- [ ] Tracking signal
25. All are decisions a transportation manager has to take to obtain maximum benefits EXCEPT.

Mark only one oval.

☐ Decision related to the aptness and availability of modes of transportation
☐ Lane operation decisions
☐ Load forecast
☐ Decision related to local planning, routing and scheduling

26. Transportation mode that can be suggested for delivering of a small, costly, time sensitive shipment at the door step of customer is

Mark only one oval.

☐ Air
☐ Package Carrier
☐ Truck
☐ Intermodal

27. A transportation network designed to split consignments from an incoming truck and loading it into an outgoing truck as per the requirements of destination is called

Mark only one oval.

☐ Central distribution system
☐ Shipment with milk run
☐ Cross-docking
☐ Direct shipment

28. Which of the following is NOT a reason for strategic alliance

Mark only one oval.

☐ Create competitive advantage
☐ Sharing risk
☐ To take benefit of economies of scale
☐ Located close to the organization
29. A form of strategic alliance where organizations are under informal relationship is

*Mark only one oval.*

- Joint Venture
- Equity Strategic Alliance
- Non equity strategic alliance
- Purchase contract

30. A relationship where suppliers decide appropriate levels of inventory of a product of its customer and decide stock policies is

*Mark only one oval.*

- Quick response strategy
- Rapid replenishment strategy
- Vendor management system
- Period replenishment strategy

31. Direct shipment is where Manufacturer/Supplier makes available their products directly to customers without any _________

*Mark only one oval.*

- Damage
- Cost
- Intermediary
- Shortage

32. Benefits of a decentralized distribution strategy is

*Mark only one oval.*

- When there is extent customer base
- Products are to be centrally received and then distributed
- Helps in tuning to the needs of specific area
- Quick deliveries to customers
33. All are characteristics of a pull system EXCEPT

Mark only one oval.

- Precise production
- Based on forecast demand
- Production in small lots
- Low inventories

34. Choose the correct statement about inventory pooling
A) Consolidates different inventory location into a single location
B) Helps in reducing uncertainties in the supply chain

Mark only one oval.

- Only statement A is true
- Only statement B is true
- Both A and B are true
- Both A and B are not true

35. All are factors influencing distribution Network design EXCEPT

Mark only one oval.

- Organizational Strategy
- Political factors
- Cultural factors
- Technological factors

36. A factor NOT to be decided in the decision related to regional facility configuration

Mark only one oval.

- Cost of logistics
- Available infrastructure
- Response time
- Exchange risks
37. Drop shopping is also termed as

*Mark only one oval.*

- [ ] Manufacturer storage with direct shipping
- [ ] Manufacturer storage with direct shipping and in-transit merger
- [ ] Distributor storage with package carrier delivery
- [ ] Distributor storage with last mile delivery

38. A distributor network design that characterizes lower response time and lower transportation cost is

*Mark only one oval.*

- [ ] Distributors storage with consumer pick up
- [ ] Retail storage with customer pick up
- [ ] Distributor storage with last mile delivery
- [ ] Distributor storage with package carrier delivery

39. End of winter season sale by offering additional discounts is termed as

*Mark only one oval.*

- [ ] Seasonal demand
- [ ] One-time demand
- [ ] Promotional demand
- [ ] Additional demand

40. Which of the following choices about the two statements given below is True? A) Unclear roles and responsibilities lead to conflict among channel members B) Warehouse located close to a customer improves visibility

*Mark only one oval.*

- [ ] Only statement A is true
- [ ] Only statement B is true
- [ ] Both A and B are true
- [ ] Both A and B are not true
38. An innovative product is characterized by

*Mark only one oval.*

- [ ] Stable demand
- [ ] Shorter product life cycle
- [ ] Lower product variety
- [ ] Lower profit margin

39. A combination of pull & push strategy works better for

*Mark only one oval.*

- [ ] Products with slow stock speed and high demand uncertainty
- [ ] Products with fast clock speed and low demand uncertainty
- [ ] Products with predictable demand and slow introduction frequency
- [ ] Products with fast clock speed and highly unpredictable demand

40. All factors are to be evaluated for a supplier integration process EXCEPT

*Mark only one oval.*

- [ ] Capacity of suppliers
- [ ] Willingness of suppliers
- [ ] Qualifications of CEO
- [ ] Sufficient resources

41. The ability of organizations to promptly respond to different requirements of various customers is

*Mark only one oval.*

- [ ] Seamlessness
- [ ] Agility
- [ ] Harmony
- [ ] Synchronization
45. Materials that are already shipped yet to reach their ultimate destination is called

*Mark only one oval.*

- Cycle inventory
- Transit inventory
- Anticipation inventory
- Decoupling inventory

46. An example of inventory risk cost is

*Mark only one oval.*

- Opportunity cost
- Material handling equipment maintenance cost
- Obsolescence cost
- Receiving inspection cost

47. ___________ denotes the life span of a product

*Mark only one oval.*

- Durability
- Reliability
- Cycle time
- Serviceability

48. A supply chain fully owned by an organization is

*Mark only one oval.*

- Vertically integrated supply chain
- Coordinated supply chain
- Synchronized supply chain
- Consolidated supply chain
49. All are mechanisms for internal integration EXCEPT

*Mark only one oval.*

- Centralized decision making
- Information system
- Cross-functional team
- Job enrichment

50. Supply chain ________ is a method of identifying existing supply chain process

*Mark only one oval.*

- Mapping
- Coordination
- Alliance
- Integration

51. All are advantages of postponing the point of differentiation in a supply chain EXCEPT

*Mark only one oval.*

- Reduction of inventory
- Reduction in product obsolescence
- Accurate demand forecasting at the beginning of supply chain
- Reduced transportation cost

52. Cash liquidity problem in an organization is termed as

*Mark only one oval.*

- Macroenvironmental risk
- Extended value chain risk
- Operational risk
- Functional risk
53. 50. Kitting of products is advantageous due to all of the following EXCEPT

*Mark only one oval.*

- [ ] Kits are less prone to damage during transportation
- [ ] Kits require less space for transportation
- [ ] More variants can be offered to customers
- [ ] Takes more time to assemble at customer’s end

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