

# Final Test Semester 4 Paper 24 INDIAN INSTITUTE OF MATERIALS MANAGEMENT Emerging Trends in Supply Chain Management and 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 \*

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2. Name \*

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3. Roll Number \*

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4. 1. \_\_\_\_\_ refers to the gradual changes in the processes, output and conditions in a particular direction over a period of time.

*Mark only one oval.*

- Trends
- Investment
- Technology
- Innovation

5. 2. \_\_\_\_\_ factors include social standards, beliefs, ethnicity, tradition, social attitudes and social institutions and demographics.

*Mark only one oval.*

- Economic development
- Socio-culture
- Corporate culture
- Ethical

6. 3. \_\_\_\_\_ analysis involves taking care of the finances and cutting costs for running the organisation.

*Mark only one oval.*

- Industry
- Business
- Finance
- Market

7. 4. Franchising refers to an arrangement where franchisor or first party

*Mark only one oval.*

- Invests in operations of another party
- Grants licenses for some rights and authorities to another party
- Jointly undertake the product development with another party
- Execute reciprocal marketing with business partner

8. 5. Identify best suited statement applicable to Business Process Outsourcing (BPO):

*Mark only one oval.*

- Is one of the popular trends adopted by organizations is to procure goods and services from outside suppliers and service providers.
- Refers to outsourcing of information-related business activities
- Is buying and selling of goods, products or services through the Internet.
- Is essentially a way of carrying e-commerce transactions using a mobile phone

9. 6. Which is not an objective of Business Process Outsourcing:

*Mark only one oval.*

- To improve operating efficiency and increase the profitability of the organisation.
- To achieve competitive advantage by focusing on core competencies of the organisation.
- To meet the demands for the resources needed for the new information systems more economically and effectively
- To enhance Knowledge, skill and attitudes (KSAs) of employees

10. 7. \_\_\_\_\_ model of outsourcing ensures that the project-related activity including initial study and testing is done at the service provider's premises

*Mark only one oval.*

- On-site model
- Off-site model
- Off-shore model
- Franchise model

11. 8. Select the correct statement:

*Mark only one oval.*

- Cloud computing occupies more storage that adversely affects business continuity and is risks prone
- RPA uses robots and artificial intelligence on a user interface to complete work faster at a cheaper rate.
- Companies do not prefer use of social media tools for data analysis
- BPOs generally avoid use of emerging trends in technologies due to data security issues

12. 9. The term Digital Economy was first coined by :

*Mark only one oval.*

- Henry Ford
- Don Tapscott
- Philip Crossby
- F.W Taylor

13. 10. 'Digital economy' is an umbrella term that is used to describe the market focusing on \_\_\_\_\_ technologies.

*Mark only one oval.*

- Virtual
- Automation
- Digital
- Just-in-time

14. 11. Which is not a digital marketing channel:

*Mark only one oval.*

- On-line communities
- Social net-working site
- Cloud-sourcing
- Retailers and distributors

15. 12. System such as JIT (Just in time) inventory system, ABC, EOQ (Economic Order Quantity) have resulted in better inventory control that helps in reducing \_\_\_\_\_ costs

*Mark only one oval.*

- Recruitment
- Ordering
- Manufacturing
- Overhead

16. 13. Identify the correct statement:

*Mark only one oval.*

- Customer Live Value is calculated by dividing the total customer acquisition costs by the number of new customers for a particular time period.
- Financial metrics monitor the productivity and performance of the human resources and resolve IR (Industrial Relations) related issues as they emerge.
- Customer Life Value (CLV) helps to measure the value that an organisation is getting from a long-term customer relationship.
- Customer acquisition cost is calculated by multiplying the total acquisition costs by the number of new customers for the particular time period.

17. 14. A company or individual who pays for the legal right to use the product, service, or format of another is called a:

*Mark only one oval.*

- Franchisee
- Franchisor
- Franchising
- Lunatic

18. 15. Which of the following type of entrepreneur is least likely to be involved with franchising:

*Mark only one oval.*

- Fast food chain owner
- Innovator of new technology
- Automobile service center owner
- Owner of a garment shop

19. 16. Aggregator model is a type of:

*Mark only one oval.*

- Outsourcing
- Contractual partnership
- Assembling activity
- Dismantling activity

20. 17. \_\_\_\_\_ aggregators refer to website that collects information from various sources and topics. Examples of Specialty Aggregators

*Mark only one oval.*

- User-curated
- Feed
- Specialty
- Blog

21. 18. E-Commerce refers to the use of \_\_\_\_\_ to various business processes to achieve business goals.

*Mark only one oval.*

- Electronic devices
- Economic principles
- Eco-friendly technology
- Information technology

22. 19. M-commerce involve use of \_\_\_\_\_ for its operations.

*Mark only one oval.*

- Measuring devices
- Mobile devices
- Metering technology
- Metrological instruments

23. 20. Identify the false statement

*Mark only one oval.*

- E-commerce excludes all kinds of electronic commercial activities, such as the use of the Internet and mobile phones by a user.
- E-commerce includes all kinds of electronic commercial activities, such as the use of the Internet and mobile phones by a user.
- E-commerce is not only limited only to the Internet shopping or Internet business.
- The user of E-commerce can be an individual, business or even the government of a country.

24. 21. B2C E-commerce model involves:

*Mark only one oval.*

- Business-Website-Consumer
- Producer-Website- Wholesaler
- Company- Website-Customer
- Consumer-Website-Consumer

25. 22. Feature of E-commerce that facilitates commerce activities across national boundaries is called \_\_\_\_\_.

*Mark only one oval.*

- Interactivity
- Global reach
- Richness
- Ubiquity

26. 23. Which of following is not considered as one of the three phases of E-commerce?

*Mark only one oval.*

- Innovation
- Consolidation
- Preservation
- Reinvention

27. 24. Identify the false statement.

*Mark only one oval.*

- Use of multi level marketing uses complex procedures
- Network marketing is the fastest growing sector of the direct selling industry in the world during the last decade
- Internet of Things (IoT) refers to the network of physical devices that are connected with software and sensors which use a different technology for transmitting data
- Network has become a successful concept for emergence of successful entrepreneurs

28. 25. Network marketing is the movement of products or services from manufacturer to consumer directly through distributors using \_\_\_\_\_ marketing.

*Mark only one oval.*

- Persuasive
- Consumer oriented
- Word-of-mouth
- Production oriented

29. 26. Identify the correct statement

*Mark only one oval.*

- Digital procurement software is stand-alone software
- Digital purchase order software helps the finance and procurement teams in creating purchase orders.
- IOT, only provides local interconnectivity with the help of information and communication infrastructure.
- Establishing of network marketing involves lot of infrastructural cost

30. 27. Which industry branches are suitable for industry 4.0 development?

*Mark only one oval.*

- An enrichment for the service industry.
- Can be used in all industrial contexts where processes need to be more intelligent.
- Useful especially in the automotive and agricultural sector.
- Suitable for Aerospace industry

31. 28. Which role do internet technologies and the “IoT” play in the context of industry 4.0?

*Mark only one oval.*

- They form the base to connect operating devices.
- They form the base for an environmental friendly production.
- They form among others the base for corporate communication
- They form the base of quality management of an organization



32. 29. Which of the following is not best described about Industry 4.0?

*Mark only one oval.*

- Analytics
- Speed
- Smart Factory
- Prediction

33. 30. Significant changes have been adapted through \_\_\_\_\_ of manufacturing methodology and interconnecting activities within an organization by working environment

*Mark only one oval.*

- Differentiation
- Mass manufacturing
- Aggregate planning
- Automation

34. 31. Which is of modern technology does not form sound base of Industry 4.0?

*Mark only one oval.*

- Cloud computing
- Internet of Things
- 3D Printing
- Cyber-Physical Systems

35. 32. Which statement is not truly applicable to Internet of Things (IoT):

*Mark only one oval.*

- IoT can only be effectively used in non-living organisms
- Many IoT applications involve remote traffic control, smart parking and smart lighting systems
- Safety and security is one of the important features of IoT.
- Sensors used in IoT generate analogue signals that interact with environment effectively

36. 33. What is the main difference between Industry 4.0 and Internet of Things (IOTs)

*Mark only one oval.*

- IoTs largely focused on production while Industry 4.0 mainly focus on consumer durables
- IoT is largely focused on connecting everyday consumer projects together, while Industry 4.0 is much more focused on the manufacturing process
- Industry 4.0 use human interaction which IoTs do not use any human interactions
- Smart factory is main characteristic of Industry 4.0 only

37. 34. Select the correct answer:

*Mark only one oval.*

- Bargains with its suppliers smartly
- Utilizes smart marketing techniques
- Involves collaborative manufacturing system
- Uses smart pricing techniques for its product

38. 35. Identify the statement correct statement related to Cyber Physical System (CPS)

*Mark only one oval.*

- Refers segregation of computation, networking and ongoing physical processes through data processing services on internet
- Refers integration of computation, networking and ongoing physical processes through data processing services on internet
- Involves stand-alone computers and networks that can effectively monitor, coordinate, integrate and control these physical processes
- Integrates all physical processes with software and networking without using of abstractions and modeling

39. 36. Tech savy millennial manpower :

*Mark only one oval.*

- Have only knowledge of robotics
- Is scarce and difficult to hire
- Are people having knowledge of the software and apps used by workers on a daily basis.
- Is manpower having data-processing skill

40. 37. Undertaking a smart factory journey can address a number of business practices. Which is not one of those practices:

*Mark only one oval.*

- Asset efficiency
- Improved company's social events
- Better profitability
- Labor force stability

41. 38. \_\_\_\_\_ is capable of permitting faster setup, commissioning, and reconfiguration, are more efficient and stable operations.

*Mark only one oval.*

- Concurrent engineering
- Six sigma
- Quality function deployment (QFD)
- Advanced robotics

42. 39. Innovation that can change the methods of operating business firms and industries is called:

*Mark only one oval.*

- Invention
- Digitization
- Disruptive Technology
- Incremental innovation

43. 40. Which is not true for Modularity Principle :

*Mark only one oval.*

- Is the degree to which a system's components may be separated and recombined
- An ability of businesses to adapt to the changing needs of the industry
- System should be built from non-adhesive tight fitted sub-systems
- Modules are cohesive loosely coupled subsystems

44. 41. Which is not a supply chain driver:

*Mark only one oval.*

- Production
- Inventory
- Location
- Business environment

45. 42. The logistics function includes all of the following activities EXCEPT:

*Mark only one oval.*

- Movement of materials from a factory warehouse to the factory assembly area
- Inspection of incoming materials
- Loading finished goods into outgoing vehicles
- Storing finished products in a finished-goods warehouse.

46. 43. Which is not a primary activity as per Porter's Value Chain:

*Mark only one oval.*

- Inbound logistics
- Operations
- Technology development
- Services

47. 44. Which does not fall under category of Supply chain collaboration benefits :

*Mark only one oval.*

- Enhanced customer service level
- Lower plant depreciation
- Progressive revenue growth
- Lower cost of transportation and warehousing

48. 45. The sequence of a typical manufacturing supply chain is

*Mark only one oval.*

- Storage–Supplier–manufacturing–storage–distributor–retailer–customer
- Supplier–Storage–manufacturing–storage–distributor–retailer–customer
- Supplier–Storage–manufacturing– distributor–storage–retailer–customer
- Supplier–Storage–manufacturing–storage– retailer–distributor–customer

49. 46. The major decision areas in supply chain management are

*Mark only one oval.*

- Location, production, distribution, inventory
- Planning, production, distribution, inventory
- Location, production, scheduling, inventory
- Location, production, distribution, marketing

50. 47. Cash to cash conversion:

*Mark only one oval.*

- Is conversion of one type of currency to other
- Is time taken for conversion of raw material or inventory purchases into sales revenue.
- Means lower the inventory turnover, the quicker the cash conversion.
- Is time take for conversion of finished goods into sales revenue

51. 48. Identify correct statement applicable to predictive analysis:

*Mark only one oval.*

- Helps business organisations to solve problems and collaborate for attaining maximum business value.
- Helps business organisations in thinking through a complex problem or issue.
- Helps an organisation to understand the most likely outcome or future scenario and its business implications.
- Also acts as a single source of truth across the supply chain while providing visibility at the same time.

52. 49. Which of the following is not the cause of Bullwhip effect?

*Mark only one oval.*

- Aligning incentives across the supply chain
- Order batching
- Inflated orders placed by retailers
- Long lead time

53. 50. Information Technology in supply chain transaction execution is concerned with:

*Mark only one oval.*

- Enabling managers to process and evaluate SCM related decisions using different optimization techniques
- Collaboration and cooperation with suppliers using via internet
- Supply chain performance measurement using data analyst tools
- Collection, generation, and storage of vast data and tracking of same through automated means.

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