Final Test Paper 12 INDIAN INSTITUTE OF MATERIALS MANAGEMENT PACKAGING AND DISTRIBUTION GDMM/PGDMM 3 YEARS

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

1. Email *

______________________________

2. Name *

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3. Roll Number *

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4. 1. Packaging is a part of ___________product

Mark only one oval.

☐ Extended
☐ Augmented
☐ Consumer
☐ Industrial
5. Packaging has two components

*Mark only one oval.*

- Technical and promotional
- Industrial and consumer
- Primary and secondary
- Inner and outer

6. 3. All are benefits of standardization of packaging EXCEPT

*Mark only one oval.*

- Decreases handling costs
- Decreases vehicle waiting time
- Decreases modal choices
- Decreases need for specialized transport

7. 4. Which of the following is NOT involved in the three P’s of consumer packaging?

*Mark only one oval.*

- Protection
- Promotion
- Preservation
- Presentation

8. 5. The package should attract the customer and act as a _______ salesman

*Mark only one oval.*

- Silent
- Aggressive
- Assertive
- Proactive
9. From a logistic perspective the role of packaging is a means of ensuring the _____ delivery of a product to the ultimate consumer.

*Mark only one oval.*

- [ ] Fast
- [ ] Door
- [ ] Safe
- [ ] Optimum

10. The function that reduces the output from industrial production to a manageable consumer size is

*Mark only one oval.*

- [ ] Apportionment
- [ ] Containment
- [ ] Unitization
- [ ] Convenience

11. As per traditional school of thought all are primary functions of packaging EXCEPT

*Mark only one oval.*

- [ ] Protection
- [ ] Utility
- [ ] Communication
- [ ] Environment

12. Pick up the right choice about the following statements A) Package conveys the virtues of a product B) Package should protect the product against theft

*Mark only one oval.*

- [ ] Only Statement A) is true
- [ ] Only Statement B) is true
- [ ] Both statements A) and B) are true
- [ ] Both statements A) and B) are not true
13. The determining factors for the degree of protection are _______ and fragility of a product.

*Mark only one oval.*

- Value
- Size
- Volume
- Weight

14. The _______ package is decided by the manufacturer as per market demands.

*Mark only one oval.*

- Primary
- Secondary
- Tertiary
- Shipping

15. All are most common mechanical hazards affecting product damage EXCEPT

*Mark only one oval.*

- Vibration
- Impact
- Compression
- Heat

16. Packed cartons stacked one over the other is subject to

*Mark only one oval.*

- Impact
- Static compression
- Abrasion
- Stress
17. _______ increases the package density for efficient movement and handling

Mark only one oval.

☐ Apportionment
☐ Unitization
☐ Containment
☐ Convenience

18. 15. Which of the following packaging function is taken care in providing a dispensing pump in a hand sanitizer?

Mark only one oval.

☐ Containment
☐ Protection
☐ Unitization
☐ Convenience

19. 16. Selection of packaging material depends on all of the following EXCEPT

Mark only one oval.

☐ Product characteristics
☐ Climate and culture
☐ Environmental consideration
☐ Process of production

20. 17. The plastic known as poison plastic

Mark only one oval.

☐ PVC
☐ LDPE
☐ HDPE
☐ LLDPE
21. 18. Which is NOT true about ancillary packaging materials?

*Mark only one oval.*

- [ ] They add value to primary package
- [ ] They improve package performance
- [ ] They are also called secondary materials
- [ ] Reduces packaging economics

22. 19. The adhesive that can be used for high temperature (greater than 150 degree centigrade) is

*Mark only one oval.*

- [ ] Rubber based adhesive
- [ ] Acrylic based adhesive
- [ ] Silicone based adhesive
- [ ] Synthetic adhesive

23. 20. An adhesive that is based on thermoplastic polymers and use glue gun for its application is classified as

*Mark only one oval.*

- [ ] Contact adhesives
- [ ] Hot adhesives
- [ ] Drying adhesives
- [ ] Pressure sensitive adhesives

24. 21. Cushioning materials protect products from

*Mark only one oval.*

- [ ] Vibration during shipment
- [ ] Shocks through dropping, kicking and impacts
- [ ] Abrasion of surfaces
- [ ] Compression
25. 22. ESD as a protecting packaging stands for

*Mark only one oval.*

- Efficient safety device
- Electronic storage device
- Electrostatic discharge
- Electronic signaling device

26. 23. Which of the following is NOT related to material handling principle?

*Mark only one oval.*

- Principle of material flow
- Principle of simplification
- Principle of standardization
- Principle of gravity

27. 24. All are tests for food packaging EXCEPT

*Mark only one oval.*

- Migration test
- Shelf-life determination test
- Compatibility test
- Density test

28. 25. Ideal method of incurring packaging cost is to design the package on the basis of all EXCEPT

*Mark only one oval.*

- Affordable cost
- Percentage cost of product
- Functions which the package is expected to perform
- Lumpsom cost
29. An intrinsic factor for food degradation

*Mark only one oval.*

- Moisture
- Light
- Formulation
- Oxygen

30. Dart impact test is done

*Mark only one oval.*

- To find out the temperature at which shrinkage begins
- To evaluate impact resistance of flexible plastic film
- To find out resistance to tear initiation and propagation
- To find out flow characteristics of material

31. Quality assurance test used to examine and maintain the quality of food product at different stages of production are classified as all of the following EXCEPT

*Mark only one oval.*

- Physical test
- Chemical test
- Microbiological test
- Compatibility test

32. Commodities which are likely to undergo significant variations in weight or measures on account of environmental or other conditions are covered under _____ schedule of SWMA

*Mark only one oval.*

- Second schedule
- Fourth schedule
- Fifth Schedule
- Sixth schedule
33. A pattern of distribution for FMCG goods

*Mark only one oval.*

- Selective distribution
- Intensive distribution
- Exclusive distribution
- Direct distribution

34. The decisions needed for designing a distribution channel are A) Selecting the type of channel B) Specifying the role of distribution C) Choosing specific channel members D) Determining intensity of distribution Which of the following is the right sequence?

*Mark only one oval.*

- A, B, C, D
- B, A, D, C
- B, A, C, D
- A, B, D, C

35. All are selection criteria for channel members EXCEPT

*Mark only one oval.*

- Financial strength
- Market coverage
- Track record
- Qualification of the owner

36. A partner in the distribution process who does NOT take title is

*Mark only one oval.*

- Customer
- Wholesaler
- Transport company
- Retailer
37. All are functions of an intermediary EXCEPT

*Mark only one oval.*

- Information
- Promotion
- Packaging
- Physical possession

38. ________ have the highest fixed costs and the lowest variable cost

*Mark only one oval.*

- Rail
- Road
- Pipelines
- Air

39. Institute cargo clause A provides ________ risk cover

*Mark only one oval.*

- Maximum
- Minimum
- Optimum
- Sufficient

40. ________ operate on a fixed sailing schedule

*Mark only one oval.*

- Contract carriers
- Liner vessels
- Tramps
- Tankers
41. Principle of space utilization suggests optimal utilization of ______ space

*Mark only one oval.*
- [ ] Cubic
- [ ] Floor
- [ ] Horizontal
- [ ] Vertical

42. Vehicle space utilization is referred as ______

*Mark only one oval.*
- [ ] Stowability
- [ ] Density
- [ ] Capacity
- [ ] Volume weight

43. ______ shippers do not physically handle products

*Mark only one oval.*
- [ ] Courier
- [ ] Express cargo
- [ ] Brokers
- [ ] Drop

44. Pick up the right choice about the following statements A) SD 14 is RFID technology B) RSS 14 is Barcode symbology

*Mark only one oval.*
- [ ] Only Statement A) is true
- [ ] Only Statement B) is true
- [ ] Both statements A) and B) are true
- [ ] Both statements A) and B) are not true
45. Pick up the right choice about the following statements A) Physical distribution means only movement and storage of goods B) Direct distribution is the most used channel in the consumer market

\[\text{Mark only one oval.}\]

- Only Statement A) is true
- Only Statement B) is true
- Both statements A) and B) are true
- Both statements A) and B) are not true

46. For volume weight calculation by air One Kg equals _____ cubic centimeters

\[\text{Mark only one oval.}\]

- 4000
- 3000
- 5000
- 6000

47. Intensity of distribution means

\[\text{Mark only one oval.}\]

- Stages in a distribution channel
- Number of middlemen in a channel
- The number of organizations a middleman represents
- Number of middlemen both at the wholesale and retail levels in a particular territory

48. An IATA rate structure which is discounted for certain classified items

\[\text{Mark only one oval.}\]

- General cargo rates
- Class rates
- Specific commodity rates
- Freight all kind rates
49. All are true about bill of lading EXCEPT

Mark only one oval.

☐ It is a contract for affreightment
☐ It is not negotiable
☐ It is prepared by shipping company
☐ It is carrier’s receipt for goods

50. All are true about containers EXCEPT

Mark only one oval.

☐ It is unit load device used only for sea transport
☐ Saves on packaging cost
☐ It is a metal box of standard dimension
☐ Gave rise to intermodal transportation

51. EDP stands for

Mark only one oval.

☐ Extended Delivery Point
☐ Electronic Data Processing
☐ Early Delivery Proposal
☐ Efficient Delivery package

52. Tests for plastic packages can be classified into all of the following tests EXCEPT

Mark only one oval.

☐ Physical properties
☐ Physico-chemical properties
☐ Optical properties
☐ Biological properties
50. Coefficient of friction test is carried out against standard

Mark only one oval.

☐ ASTM D 1894
☐ ASTM D 3078
☐ ASTM D 1204
☐ ASTM D 1922

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