

Register No.:

**190**

**April 2024**

*Time – Three hours  
(Maximum Marks: 100)*

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.  
2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.]

**PART – A**

1. What is rigid packaging?
2. Why rubber ejectors are provided in die board?
3. What is white lined chip board?
4. What are the properties of Aluminium material?
5. What is UHT technology?
6. How flexible pouches are formed?
7. What is child resistant closure?
8. What is resilient cushioning material?
9. What is stretch wrapping?
10. What are the products packed in MAP?

PART - B

11. (a) Describe the barrier, marketing, convenient and security features of packaging.

(Or)

- (b) Explain about laser die making process with sketch.

12. (a) Explain the types of corrugated boards used with neat sketch.

(Or)

- (b) Compare the available plastic packaging material with its recycling number and properties.

13. (a) Explain the marketing statutory and government regulation factors.

(Or)

- (b) Explain about Thermal label, Pressure sensitivity label and Shrink label.

14. (a) Explain with neat sketch of Lug cap, Roll on and Crown cap.

(Or)

- (b) Explain how RFID differs from QR code technology.

15. (a) Explain about shrink wrapping and stretch wrapping. Also list out the differences between them.

(Or)

- (b) Explain about modified atmospheric packaging with neat sketch.

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