

Register No.:

601

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 are the objectives of maintenance?
2. What are the factors involved in maintenance planning?
3. What is ABC analysis?
4. What is labour performance index?
5. What are the gauges used in textile industry?
6. State any four causes of vibration.
7. What is meant by berkoloation?
8. What are the different causes for roller eccentricity?
9. State any three preventive maintenance of sizing machine.
10. What are the important tools used in loom erection?

**PART - B**

11. (a) Explain about the various records followed in effective control of maintenance.

(Or)

- (b) Explain about the organization chart for maintenance in textile mills.

12. (a) Discuss about the various duties and responsibilities of a store keeper.

(Or)

- (b) Short note on the following:  
(i) Housekeeping and 5'S works practice  
(ii) Six Sigma

13. (a) Explain about the checking of shore hardness, top roller cots diameter and roller speed.

(Or)

- (b) Explain the method and application of static and dynamic balancing of card cylinder.

14. (a) Explain the procedure of card grinding with neat sketch.

(Or)

- (b) Explain step by step procedure followed in erection of ring frame.

15. (a) Write detailed notes on maintenance program for winding machine.

(Or)

- (b) Discuss the procedure involved in conversion of plain loom to semi-automatic loom.

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