

Register No.:

**1989**

**October 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 scheduled maintenance?
2. Name any three material handling equipment.
3. Define work study.
4. Write the components of standard time.
5. Define unity of command.
6. Write the elements of communication.
7. What is direct material cost? Give an example.
8. State the objectives of purchasing department.
9. State the purpose of code of ethics.
10. What is meant by sharing in human values?

[Turn over.....

**PART - B**

11. (a) Explain about the various types of plant maintenance.  
(Or)
- (b) (i) Explain the various causes of an industrial accident. (7)  
(ii) Describe any two methods available for solving industrial disputes. (7)
12. (a) (i) Explain the various steps involved in the conduct of stop watch time study. (10)  
(ii) Write about the various types of allowances. (4)  
(Or)
- (b) (i) Explain the Man-Machine chart with neat sketch. (10)  
(ii) Explain the production study techniques of work measurement. (4)
13. (a) Explain the principles of management given by Henry Fayol.  
(Or)
- (b) Explain the types of organisation with neat diagram.
14. (a) How the selling price of a product is estimated? Explain with a block diagram.  
(Or)
- (b) (i) Explain the concept of EOQ with a diagram. Also derive the formula for EOQ. (10)  
(ii) Write about store keeping of material. (4)
15. (a) (i) Explain Kohlberg's model of moral development. (10)  
(ii) Discuss the scope of engineering ethics. (4)  
(Or)
- (b) (i) What is the need for honesty? Give any two aspects of honesty. (7)  
(ii) Explain about the stress management. (7)

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