# MAHATMA GANDHI MISSION’S COLLEGE OF ENGINEERING & TECHNOLOGY

A-09, SECTOR-62, GAUTAM BUDHA NAGAR, NOIDA (U.P.)

DEPARTMENT OF CSE,ME,CE,ECE

**Subject- Industrial Management Subject code –RAS-601 Question Bank No.3 TOPICS -UNIT 3**

# Q1. Each question contain 2 marks .For assignment attempt any Five.

1. Define Ergonomics.
2. Differentiate between time and motion study?
3. Define Flowchart.
4. What is Cyclograph?
5. What is Chronocyclograph?
6. Give two examples of different inventories.
7. What What is Micromotion study?
8. What is Inventory?
9. What are the advantages of work measurement?
10. What is the importance of Outline process chart in method study?
11. Compare outline process chart and flow process chart.
12. What is inventory control?
13. What is Simo chart?

# Q2. Each question contain 5 marks .For assignment attempt any Five.

* + 1. What are the different types of Inventories? Explain them.
    2. What are the objectives and techniques of Motion study?
    3. Discuss the significance of Inventory control in managing any industrial Organization.
    4. What do you understand by deterministic inventory control models?
    5. Describe the meaning of Method Study. Underline the basic approach of method study.
    6. What is Therblig? Explain.
    7. What is the role of Time study in Production?
    8. What is the importance and objectives of method study?
    9. Comment on the statement:- “Production Control is the key to success of all business organizations”
    10. Differentiate between method study and Work measurement.
    11. What are the specifications of production requirements?
    12. What is a flow diagram? What are the steps involved in making a flow diagram?
    13. Distinguish between routing and scheduling. Discuss the need of expediting in production

planning and control.

* + 1. Write short notes on the following:-
    - JIT
    1. What is Economic Order Quantity? Explain
    2. Differentiate between Fixed Order Quantity System and Fixed Order Period System.
    3. Explain the common inventory management techniques.

# Q3. Each question contain 10 marks .For assignment attempt any Two.

1. Explain Continuous and Periodic Inventory control system.
2. Explain the various costs associated with inventory.
3. Explain the concept ABC –VED Analysis in inventory control.
4. Distinguish between routing and scheduling. Discuss the need of expediting in production

planning and control.

1. What are the principles of motion economy?
2. You have been appointed as an assistant project manager in a company. You have

asked to design appropriate production planning and control system for the

company. You are required to list the steps involve in designing the production

planning and control system.

1. The annual demand of an item is 3200 units. The unit cost is Rs. 6/- and

inventory carrying charges 25% per annum. If the cost of one

procurement is Rs.150.Determine

1) EOQ   
2) No. of orders per year   
3) Optimal Cost

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