6. Mention the economic factors to be considered for maintenance of equipment.

5. Explain just-in-time production.

4. What are the qualities needed for a person who deals with material handling problems?

3. Stockholding cost

2. What are the various components of the stockholding cost?

1. Write short notes on just-in-time production of materials and materials for classification.

State the need for materials management.

Answer any five questions.

PART A — (5 × 6 = 30 marks)

Maximum : 100 marks

Time : Three hours

MBA DEGREE EXAMINATION

DECEMBER 2014/JANUARY 2015

MBSC 3004

MANAGEMENT

PAPER XIV — MATERIALS AND STORE OPERATIONS AND SUPPLY CHAIN MANAGEMENT

Third Semester

What measures are adequate? Explain your evaluation.

What security measures are put in place to protect the process-controlled networks? Are these processes adequate?

Du Pont's philosophy for dealing with the process control system vulnerabilities.
7. What is health? What are the components of industrial health?

8. What are the measures to improve health conditions?

PART B — (5 x 10 = 50 marks)

Answer any FIVE questions.

9. Discuss the classification of inventory.

10. Explain MRP (Materials Requirement planning). Mention the pre-requisites for the success of MRP.

11. Discuss the basic or controlling factors to be integrated before the selection of materials handling equipment.

12. Enumerate the basic types of maintenance.

13. Describe the health and safety programs launched by management.

14. Discuss the inventory control problems.

15. What is team work? Explain the goals of team workers.

16. Discuss the various methods of work measurement to evaluate performance.

PART C — (20 marks)

Case study (Compulsory)

17. Du point:

Process control networks are one of the essential application of IT in manufacturing environments. For example, more than 2,400 oil, natural gas, and chemical companies in the United States employ process-control networks in their manufacturing systems. Other heavy users of process networks include the power, water, food, drug, automobile, metal, mining and manufacturing industries. For example, process networks in the chemical industry control chemical-making equipment and monitor sensors. If anything goes wrong, such networks react by adjusting the environment in predefined ways, such as shutting off gas flow to prevent leaks or explosions.

One company that's taking process network security seriously and involving IT is Du pont Co. In Wilmington, Delaware. Tom good, a project engineer at the chemical manufacturer, has been leading its 20 month old effort to categorize and