

*Operations*  
*Industrial Engineering Applications & Management*  
**IEAM 03**  
*Evening Session*  
*operation 20110 Lib.*

Roll No.:

Total No. of Questions: Five

Duration (hrs.) : 2 hrs.

Total No. of Printed Pages: ONE

Maximum Marks: 30 marks

*20-10-2008*

- Note: 1. Read the question carefully and then answer.  
2. **Question No. 1** is compulsory. Solve any **TWO** from the remaining questions.  
3. All questions carry equal marks.

Q. 1 : Short Notes (Any Four)

- a. Productivity in manufacturing and services
- b. International labour standards
- c. Material handling equipments
- d. Low cost automation
- e. National Productivity
- f. Storage systems

Q. 2 : What is Industrial Engineering? What are its main objectives? Which are the various roles and functions of Industrial Engineer?

Q. 3 : Discuss " Office and White Collar Productivity".

Q. 4 : Which are the various factors governing plant location? Explain in brief. State various objectives of a good plant layout. Explain in brief the principles of Plant Layout.

Q. 5 : What is Ergonomics? What are its objectives? Discuss various areas where Ergonomics has been applied.

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