



33

Reg. No. : .....

Name : .....

**Fourth Semester M.A. Degree Examination, July 2013**  
**PERSONNEL MANAGEMENT**  
**PM 2.4.1 : Industrial Engineering**

Time: 3 Hours

Max. Marks: 75

**PART – A**

Answer **any five** of the following. **All** carry **equal** marks. **Each** answer not to exceed **300** words.

1. What are the essentials of materials handling in an assembly line ?
2. Write a note on network techniques.
3. What are the productivity enhancing capabilities of forms and formats ?
4. Mere transactional activities are non productive – Comment with illustrations.
5. What are the characteristics of standard data ?
6. What is meant by Economic Order Quantity ?
7. What is the importance of preventive maintenance in raising productivity ?
8. Link “safety first” to productivity. **(5×6=30 Marks)**

**PART – B**

Answer **any three** of the following. **All** carry **equal** marks. **Each** answer not to exceed **1500** words.

9. Discuss the definition and concept of productivity with reference to at least two different industries.
  10. Discuss plant location and various considerations of factors of production for productivity.
  11. Explain production planning techniques and controls.
  12. Describe the procedure for conducting work study in an assembly line.
  13. Explain and differentiate CPM and PERT. **(3×15=45 Marks)**
-