



Reg. No. : .....

Name : .....

**Fourth Semester M.A. Degree Examination, July 2012  
(New Scheme – 2006 Admn.)  
Personnel Management  
PM – 241 : Paper – I : 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 is productivity ? What are the methods of raising productivity ?
2. What are the techniques of motion study ?
3. What are the different types of filing done in offices ?
4. Write a note on PERT.
5. What do you understand by materials management ?
6. Explain "economic lot size".
7. Write a note on office automation.
8. What do you understand by the term "preventive maintenance" ? **(5×6=30 Marks)**

**PART – B**

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

9. Write a detailed note on standard data and its uses.
10. Write a detailed note on ABC analysis.
11. Detail the process of work study in industry and an office setting and state its purpose.
12. Write a detailed note on the benefits of industrial engineering in today's business.
13. What are the legal implications of health of workers in working places in factories in India ? **(3×15=45 Marks)**