



Reg. No. : .....

Name : .....

**Fourth Semester M.A.P.M. Degree Examination, August 2011**  
**(New Scheme – 2006 Admn.)**  
**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 industrial engineering ? Explain its scope.
2. What are the techniques of time study ?
3. What are the principles to be kept in mind while designing forms ?
4. Write a note on CPM.
5. How can materials management contribute to productivity ?
6. Explain “economic order quantity”.
7. What is a “man-machine chart” ?
8. Write a note on accident prevention.

**(5×6=30 Marks)**

**PART – B**

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

9. What are the components of standard time and how is it determined ?
10. Detail the process of work study in industry and an office setting and state its purpose.
11. Detail the difference between CPM and PERT.
12. Write a detailed note on inventory control.
13. What are the legal implications of safety of workers in working places in factories in India ?

**(3×15=45 Marks)**

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