

**B. TECH. SEM - III (PRODUCTION ENGG.) (2014 COURSE) (CBCS)
: WINTER - 2017**

**SUBJECT: INDUSTRIAL ENGINEERING &
MANAGEMENT**

Day: **Wednesday**
Date: **17/01/2018**

W-2017-2053

Time: **10.00 AM TO 01.00 PM**
Max Marks: 60

N.B:

- 1) All questions are **COMPLUSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw figures **WHEREVER** necessary.
- 4) Assume suitable data if necessary.

Q.1 Define management. State it is an art and science. (10)
OR

Q.1 Describe contribution of various thinkers to management, specify their name and thoughts. (10)

Q.2 What are the different forms of business organizations? Explain any two in detail. (10)
OR

Q.2 What are the different organizational structures in industries? Explain any two in detail. (10)

Q.3 a) Explain the role of advertisement and sales for casting in different industry. (05)
b) Explain different methods of wage payments in industry. (05)
OR

Q.3 a) Explain the role of fixed capital and working capital in industry. (05)
b) What is break even analysis? State its use in production management. (05)

Q.4 Define method study. What are tools and equipments used for method study Also state its use. (10)
OR

Q.4 What is the use of flow diagrams in method study? Explain any two in detail. (10)

Q.5 a) What is analysis and calculation of standard time? (05)
b) Explain concept of work sampling with its working and application. (05)
OR

Q.5 a) Explain the PMTS technique with its limitations. (05)
b) Describe the MOST technique with its working, merits and demerits. (05)

Q.6 Describe importance of safety in manufacturing industries with precautions, equipments and government regulations. (10)
OR

Q.6 Describe the importance of ergonomics as man- machine relationship and its importance. (10)

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