

B. TECH. SEM - III (PRODUCTION ENGG.) (2014 COURSE)
(CBCS) : SUMMER - 2018

**SUBJECT: INDUSTRIAL ENGINEERING &
MANAGEMENT**

Day: **Wednesday**
Date: **23/05/2018**

S-2018-2261

Time: **02.30 PM TO 05.30 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 Describe different approaches to management like as scientific, operational, human and system approach. (10)

OR

Q.1 What are the functions of management? Also state their applications. (10)

Q.2 What are the different forms of business organization & explain joint stock company and co-operative enterprise with their merits, demerits. (10)

OR

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

Q.3 Describe job evaluation and merit routing with their use in industries. (10)

OR

- Q.3 a)** What are the distribution channels in marketing management? (05)
b) What are the sources of finance? State their importance in financial management. (05)

Q.4 Describe method study with its definition, working, and use in manufacturing industries. (10)

OR

Q.4 What are different charts used in method study? Explain any two in detail. (10)

Q.5 Describe work measurement with its aim, objectives and procedure in detail. (10)

OR

- Q.5 a)** What is work sampling? State its use in work measurement. (05)
b) What is PMTS, MTM-1 and MTM-2? (05)

Q.6 What are the bio mechanical factors and environment effects in ergonomics? (10)

OR

- Q.6 a)** What is the role of ergonomics in manufacturing industry? (05)
b) Explain the importance of safety in manufacturing industry. (05)

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