

EHU601

(Following Roll No. to be filled by candidate)

Roll No.

131045190809

**B TECH
SIXTH SEMESTER EXAMINATION 2015-2016
EHU601**

INDUSTRIAL MANAGEMENT

Max. Marks: 100

Time: 3 Hours

Note:

- Attempt All Questions. All questions carry equal marks.
- Marks and number of questions to be attempted from the section is mentioned before each section.
- Assume missing data suitably. Illustrate the answers with suitable sketches.

1. Attempt any four parts of the followings. [4X5]

- a. Define management and highlight the core functions of management?
- b. What is industrial management? Highlight the impact of industrial revolution on development of industrial management?
- c. Write a brief note on determinants of productivity growth?
- d. Explain the concept of managerial skill with the help of a diagram?
- e. Briefly explain the scientific techniques of management as suggested by F W Taylor?
- f. What do you mean by inventory? Highlight the functions of inventory control?

2. Attempt any two parts of the followings. [2X10]

- a. Discuss in detail, the contribution of Henry Fayol towards development of management thought?
- b. What do you mean by industrial ownership? Explain the various ownership structures?
- c. Differentiate between production and productivity? Detail the factors that influence productivity and the measures taken up to improve the same?

3. Attempt any Two parts of the followings. [2X10]

- a. Write a detailed note on supply chain management and explain the different supply chain decisions to ensure smooth functioning of supply chain?
- b. What do you mean by work study? Discuss the procedure of conducting work studies and explain the role of process flow charts in it?
- c. "Production planning and control (PPC) is considered as the nerve center of the organization." Justify the statement and detail the various specifications required by PPC department for production?

EHU601

4. Attempt any two parts of the followings. [2X10]

- a. What do you mean by quality? Discuss the evolution of quality as a concept and explain TQM?
- b. Explain the various types of production systems, highlighting their advantages and limitations?
- c. Differentiate between occupation and profession and provide suitable points to prove that management can be considered as a true profession?

5. Attempt any two parts of the followings [2X10]

- a. What do you mean by solid waste? Explain the various techniques of solid waste management?
- b. "Environmental degradation is posing a serious threat to our civilization." Justify the statement and highlight the steps taken in different fields to preserve our environment?
- c. What is water pollution? Explain the various issues related to it and discuss the different waste water treatment methods?