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Sub Code: EHU601

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**B TECH**  
**(SEM VI) THEORY EXAMINATION 2017-18**  
**INDUSTRIAL MANAGEMENT**

**Time: 3 Hours****Total Marks: 100****Note:** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A**

- 1. Attempt all questions in brief. 2 x 10 = 20**
- a. Define job production system.
  - b. Describe Dayabhaga in Hindu undivided family.
  - c. Explain Micro motion Study.
  - d. What do you mean by Material requirement planning?
  - e. Write is String Diagram?
  - f. Explain the concept of ISO 9000.
  - g. Describe Just in Time.
  - h. What do you understand by Economic Order Quantity(EOQ)?
  - i. What is Kanban System?
  - j. What do you understand by Value Chain?

**SECTION B**

- 2. Attempt any three of the following: 10 x 3 = 30**
- a. "Productivity is a means for increasing the welfare and wealth of the nation" justify the statement.
  - b. Discuss the principles of management.
  - c. Name the various inventory control techniques. Explain any two of them with their advantages and disadvantages.
  - d. What do you mean by TQM? Describe the different stages in implementation of it.
  - e. Explain various acts related to environmental protection.

**SECTION C**

- 3. Attempt any one part of the following: 10 x 1 = 10**
- (a) What do you mean by sole proprietorship? Explain its merits and demerits.
  - (b) Define the concept of Industrial Management and explain its application.
- 4. Attempt any one part of the following: 10 x 1 = 10**
- (a) Define work study. State its objectives and benefits.
  - (b) Define the term production planning. State its objectives in an enterprise.
- 5. Attempt any one part of the following: 10 x 1 = 10**
- (a) How are inventories classified? Describe in brief.
  - (b) Discuss the goals of a supply chain. What is the impact of supply chain management decisions on the success of a firm?

6. Attempt any *one* part of the following: 10 x 1 = 10

- (a) What do you understand by process control? Define control chart and its types.
- (b) What do you understand by sampling? Explain the process of conducting double sampling.

7. Attempt any *one* part of the following: 10 x 1 = 10

- (a) Define pollution. How can the environmental pollutants be classified?
- (b) Write short notes on:
  - i. Solid waste management
  - ii. Techniques to control environmental pollution