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B TECH
(SEM-VI) THEORY EXAMINATION 2018-19
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) Why industrial management is necessary?
   b) What are the functions of management?
   c) Define productivity.
   d) Define industrial ownership.
   e) Define motion study.
   f) Define EOQ.
   g) Define control charts.
   h) Discuss the fundamental factors affecting quality.
   i) What do you understand by the term inventory?
   j) What do you mean by quality control?

SECTION B

2. **Attempt any** *three* **of the following:**   **10 x 3 = 30**
   a) Discuss the concept and scope industrial management.
   b) Explain briefly the Fayol's principles of management. What is the objective of work study? What are the steps involved in it?
   c) How are inventories classified? Discuss in brief.
   d) What is meant by statistical quality control? Give the fundamental basis of statistical quality control.
   e) What are the pre-requisites for production planning? On what factor does the production planning procedure depends?

SECTION C

3. **Attempt any** *one* **part of the following:**   **10 x 1 = 10**
   a) Describe the various techniques of improving productivity.
   b) Define cooperative organization. State its characteristics.

4. **Attempt any** *one* **part of the following:**   **10 x 1 = 10**
   a) How do functional areas of management differ from management functions? Discuss the major functional areas of management.
   b) Discuss briefly the social responsibilities of Management.

5. **Attempt any** *one* **part of the following:**   **10 x 1 = 10**
   a) Explain the various functions of SCM.
   b) Write short notes on:
      i. ABC analysis, ii. VED analysis

6. **Attempt any** *one* **part of the following:**   **10 x 1 = 10**
   a) Explain the necessity and characteristics of TQM.
   b) What is a control chart? State the purpose and advantages of control chart.

7. **Attempt any** *one* **part of the following:**   **10 x 1 = 10**
   a) Describe single sampling plan. How will you calculate the sample size?
   b) Give the common reasons for the failure of TQM programs.