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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.