6. (a) Write short notes on :

   (i) Project network analysis

   (ii) Statistical quality control (SQL)

   (b) Explain the components of SCM.

   (c) Explain in detail the five functions of management.

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Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 43219 Roll No.

B. Tech Examination 2026

(Even Semester)

INDUSTRIAL MANAGEMENT

Time : Three Hours] *[Maximum Marks : 60*

Note :– Attempt all questions.

SECTION – A

1. Attempt all parts of the following : $1 \times 8 = 8$

   (a) Define the term workstudy.

   (b) What do you understand by the team industrial management?

   (c) What is Supply Chain Managemet (SCM)?

   (d) Explain the concept of total quality management.

(e) Define the term industrial ownership.

(f) What do you understand by resource levelling?

(g) Explain the term production managemet.

(h) What is inventory management?

SECTION – B

2. Attempt any two parts of the following : $2 \times 6 = 12$

(a) List the types of production system with example each.

(b) What are the recent trends in industrial management?

(c) Discuss the concept of project crashing and its importance in project management.

(d) What is plant layout? What are the factors that influence plant location?

SECTION – C

Note:- Attempt any two parts from each question. Each part carry equal marks. $8 \times 5 = 40$

3. (a) Describe the methods of productivity measurement with examples.

(b) Explain the process of production planning and control (PPC).

(c) What are the types of plant layout?

4. (a) List and explain the types of industrial ownership.

(b) Explain the levels of management along with example.

(c) Explain and differentiate between PERT and CPM.

5. (a) "Production control is the key to success of all business organization". Comment on the statement.

(b) What is master production schedule? What are its objectives?

(c) What is inventory control model (ICM)? Classify and explain the ICM.

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