

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

PAPER ID : 2518 Roll No.

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### B.Tech.

(SEM. VI) THEORY EXAMINATION 2011-12

### INDUSTRIAL MANAGEMENT

Time : 3 Hours

Total Marks : 100

Note :—(1) Attempt all questions.

(2) Marks allotted to each question are indicated on right hand side.

1. Attempt any four parts of the following :—

(4×5=20)

- (a) Write a detailed note on development of Industrial Management.
- (b) Define Productivity. State its importance giving suitable examples.
- (c) What are the benefits of increasing productivity to the workers and management ?
- (d) Differentiate between job production, batch production and mass production.
- (e) What is meant by Joint Stock Company ? Compare it with partnership organization.
- (f) What is Public Sector Organization ? What are its aims and objectives ?

2. Attempt any **two** parts of the following :— (2×10=20)

- (a) Define Work Study. State its objectives. Differentiate between Method Study and Work Measurement.
- (b) What is the importance of Outline Process Chart in method study ? Compare outline process chart and flow process chart.
- (c) Define the term Production Planning. State its objectives. What are the various steps in production planning ?

3. Attempt any **two** parts of the following :— (2×10=20)

- (a) Define Inventory. What is direct and indirect inventory ? What are the different costs associated with inventory ?
- (b) What do you understand by Supply Chain Management ? What are the different components of supply chain ?
- (c) What do you understand by Economic Order Quantity ? How do you calculate EOQ ? Explain.

4. Attempt any **two** parts of the following :— (2×10=20)

- (a) Define Quality. What is the difference between Quality and Total Quality Management ?
- (b) What do you understand by Process control ? Define Control Chart and give the objectives of X and R charts.
- (c) What do you understand by Acceptance Sampling ? Explain the methods of double sampling and sequential acceptance sampling.

5. Attempt any **two** parts of the following :— (2×10=20)

- (a) What do you understand by Air Pollution ? What are its various sources ? How are the pollutants classified ?
- (b) Discuss in brief various pollution control acts.
- (c) Describe various methods of coping with solid waste.