

SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS, FEROZEPUR

ROLL No:

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Total number of pages:[02]

Total number of questions:06

B.Tech. ||| 6<sup>th</sup> Civil Engg + Chem Engg.  
Industrial Engineering and Management

Subject Code: BTME 905A

Paper ID:

May, 2018  
Regular

Time allowed: 3 Hrs

Important Instructions:

Max Marks: 60

- All questions are compulsory
- Assume any missing data

PART A (2×10)

Q. 1. Short-Answer Questions:

All COs

- Write scope of Industrial engineering.
- Differentiate production and productivity.
- Discuss evolution of management thought.
- What is informal organization?
- Define principles of control.
- Define value engineering.
- Give classification for different types of layouts.
- What is a string diagram?
- Explain cellular manufacturing system.
- What do you mean by job selection?

PART B (8×5)

Q. 2. Write functions of management, Explain Hertzberg's two factor theory of motivation

OR

Discuss evolution of management thought. Explain Douglas Mc-Gregor's theory X and Theory Y.

Q. 3. What is span of control? Discuss delegation of authority and responsibility.

OR

What is importance of an organization? Discuss various types of organizations.

Q. 4. Discuss various types of plant layout in detail. Also enlist their advantages and limitations.

OR

In order to achieve sound plant layout, explain in detail the scientific step by step Procedure that must be followed.

Q. 5. Define work measurement. Explain various techniques of work measurement.

OR

Define method study. Explain its step by step procedure.

Q. 6. What are reasons for low productivity? Discuss whether work study can improve productivity or not.

OR

What is productivity? Discuss methods to improve productivity.