

III B. Tech I Semester Supplementary Examinations, May – 2019
MANAGEMENT SCIENCE

(Common to Civil Engineering, Petroleum Engineering)

Time: 3 hours

Max. Marks: 70

- Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)
 2. Answering the question in **Part-A** is compulsory
 3. Answer any **THREE** Questions from **Part-B**
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PART -A

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|---|--|------|
| 1 | a) Discuss Line and Staff Organization. | [2M] |
| | b) How do you draw inferences from a control charts? | [3M] |
| | c) What do you understand by Job Analysis? | [2M] |
| | d) Define PERT. | [2M] |
| | e) What do you mean by Strategy? | [2M] |
| | f) Write a short note on Just-In-Time. | [3M] |

PART -B

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|---|--|-------|
| 2 | a) Explain various functions of management. | [3M] |
| | b) Define motivation and explain various theories of motivation. | [8M] |
| | c) Explain the steps involved in decision making process. | [3M] |
| 3 | a) Explain the importance of Statistical Quality Control. | [3M] |
| | b) What is meant by inventory? Discuss the need for inventory control. | [8M] |
| | c) Explain the concept of ABC analysis. | [3M] |
| 4 | a) What are the various functions of HR manager? | [7M] |
| | b) Define marketing. Explain various functions of Marketing. | [7M] |
| 5 | a) Differentiate between PERT and CPM. | [4M] |
| | b) What are the steps involved in identifying critical path for project management? | [10M] |
| 6 | a) What are the external factors to be considered while assessing opportunities and threats? | [7M] |
| | b) Describe the various stages in strategy formulation and implementation. | [7M] |
| 7 | a) Explain the concept of Just-In-Time. | [5M] |
| | b) What is the significance of Business Process Outsourcing? | [5M] |
| | c) What do you understand by Six Sigma? | [4M] |
