

Code No: R1631011

R16**SET - 1****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 compulsory3. Answer any **THREE** Questions from **Part-B**

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**PART -A**

- |   |    |                                                   |      |
|---|----|---------------------------------------------------|------|
| 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**

- |   |    |                                                                                           |       |
|---|----|-------------------------------------------------------------------------------------------|-------|
| 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]  |

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