Code No: R1631011 **R16** SET - 1

III B. Tech I Semester Supplementary Examinations, October/November - 2020

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. Answer **ALL** the question in **Part-A**
3. Answer any **FOUR** Questions from **Part-B**

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PART –A (14 Marks)

1. a) What do you mean by organization structure? [2M]
   b) Describe the VED analysis. [2M]
   c) Define HRM. [2M]
   d) What is a critical path? [3M]
   e) Define SWOT. [3M]
   f) Write about Business Process Reengineering. [2M]

PART –B (56 Marks)

2. a) Explain the nature and scope of management. [7M]
   b) What do you mean by decision making? Explain the process of decision making in detail. [7M]

3. a) Elucidate the concept of Work Study. [7M]
   b) Explain the significance of inventory control in manufacturing organizations. [7M]

4. a) What are the functions of HR managers in MNCs? Explain. [7M]
   b) Explain about channels of distribution in detail. [7M]

5. a) Distinguish between PERT and CPM. [7M]
   b) Draw a network for a house construction project. The sequences of activities with their predecessors are given below: [7M]

Name of the activity	Starting and finishing event	Description of activity	Predecessor	Time duration
A	(1,2)	Prepare the house plan	-	4
B	(2,3)	Construct the house	A	48
C	(3,4)	Fix the doors/windows	B	2
D	(3,5)	Wiring the house	B	2
E	(4,6)	Paint the house	C	1
F	(5,6)	Polish the doors/windows	D	1

6. a) What do you understand by the terms Vision and Mission? Explain with suitable examples. [7M]
   b) Explain the stages of strategic management process. [7M]

7. a) What is the importance of MIS in organizations? Explain. [7M]
   b) Write about BSC as a tool of measuring performance. [7M]

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