II B. Tech II Semester Regular/Supplementary Examinations, November - 2020
MANAGEMENT SCIENCE
(Com to EEE, ECE, ECC)

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

1. Write short notes for the following:

1. a) Functions of management (3M)
   b) Global leadership (2M)
   c) Time study (2M)
   d) Product life cycle (2M)
   e) Distinguish between Total Float and Free Float (3M)
   f) Mission statement (2M)

PART -B

2. a) Define Management. Discuss its nature and importance. (7M)
   b) Discuss F.W. Taylor's contribution to Management Thought . (7M)

3. a) Illustrate Maslow's theory of Motivation. (7M)
   b) Discuss the need for Inventory control? State the formula for calculation Economic Order Quantity (EOQ). (7M)

4. a) What is Job Evaluation? What are its aim and advantages? (7M)
   b) State the functions of Channels of distribution. (7M)

5. a) "PERT and CPM are two vital tools in Project Management" Discuss . (7M)
   b) Given the following table, develop a Network (7M)

Beginning Event	Ending Event	Activity
1	2	1 – 2
1	3	1 – 3
2	4	2 – 4
3	4	3 – 4
3	5	3 – 5
4	6	4 – 6
5	6	5 – 6

6. a) 'Policy' is a broad guideline set by the top management. Explain briefly. (7M)
   b) What are the Internal factors to be examined in a firm to assess its strengths and weaknesses. (7M)

7. a) What is Total Quality Management (TQM). Discuss the elements and benefits of TQM. (7M)
   b) Identify the various functions within an organization which are integrated through an ERP system (7M)