

Code: EC8T3C

IV B.Tech-II Semester–Regular/Supplementary Examinations–March 2020

**MANAGEMENT SCIENCE
(ELECTRONICS AND COMMUNICATION ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

PART – A

Answer *all* the questions. All questions carry equal marks

11x 2 = 22 M

1.

- a) Management is also a science – Justify.
- b) Define line of authority.
- c) Explain decentralization of power.
- d) Explain Six sigma.
- e) List out the different types of plant layout.
- f) Explain TQM.
- g) Define Inventory control.
- h) What is job description?
- i) Write phases in product life cycle.
- j) Define supply chain management.
- k) Explain balanced score card.

PART – B

Answer any **THREE** questions. All questions carry equal marks.

3 x 16 = 48 M

2. a) Critically discuss the difference between Administration and Management. 8 M
b) Discuss basic principles of an organization. 8 M
3. a) Explain what are the factors affecting the good plant layout. 7 M
b) Discuss \bar{X} Chart and R chart used in statistical quality control. What are their specific purposes? 9 M
4. a) Give the Obstacles associated with TQM Implementation? 8 M
b) Define EOQ and determine the formula for EOQ. 8 M
5. a) Critically examine the various types of channels of distribution employed in Marketing. 8 M
b) Examine Job evaluation and merit rating are essential for human resource development. 8 M
6. a) Explain the elements of corporate planning process. 9 M
b) Discuss about Value chain Analysis. 7 M