

R15Code No: **R15A0065****MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY**

(Autonomous Institution – UGC, Govt. of India)

II B.Tech II Semester Supplementary Examinations, April 2023**Management Science****(ECE)**

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Time: 3 hours**Max. Marks: 75****Note:** This question paper contains two parts A and B

Part A is compulsory which carries 25 marks and Answer all questions.

Part B Consists of 5 SECTIONS (One SECTION for each UNIT). Answer FIVE Questions, Choosing ONE Question from each SECTION and each Question carries 10 marks.

PART-A (25 Marks)

- 1). a Explain the concept of Management [2M]
- b Write about Theory X and Theory Y [3M]
- c What can be controlled using R chart? [2M]
- d Discuss advantages of ABC Analysis [3M]
- e What is HRM (Human Resource Management)? [2M]
- f List the methods of Job Evaluation. [3M]
- g Define Critical path. [2M]
- h What are the three types of Probability? [3M]
- i Define Strategic Management [2M]
- j How SWOT analysis is useful in business? [3M]

PART-B (50 MARKS)**SECTION-I**

- 2 Write about the Henry Fayol's principles of management in detail. [10M]

OR

- 3 Define Motivation. Explain any two Motivational theories. [10M]

SECTION-II

- 4 Explain different types of organizations structures with examples [10M]

OR

- 5 The following information is about the shock observers used by automobile work shop Annual demand 5000 units, Unit price Rs 350 Cost of placing an order Rs. 60, Storage cost 4 Percent per annum Interest rate 8 percent per annum. Calculate EOQ and also find the number of orders to be placed [10M]

SECTION-III

- 6 Analyse the advantages of Training and Development programmes. [10M]

OR

- 7 What is Performance appraisal? Discuss the various methods of Performance appraisal. [10M]

SECTION-IV

- 8 What are the major limitations of PERT model? Discuss solution to overcome those limitations. [10M]

OR

- 9 The essentials of cost and duration are provided. [10M]

Activity	Normal Cost		Crash Cost	
	Days	Cost(Rs.)	Days	Cost(Rs.)
1-2	3	500	2	1000
1-3	2	1000	1	2000
2-4	6	1400	3	2500
4-5	4	1000	2	2500

Draw the network diagram and calculate cost slopes.

SECTION-V

- 10 Define Environmental Scanning and how is it useful to business organizations? [10M]

OR

- 11 Discuss the steps in strategy formulation and implementation. [10M]
