

R13

Code No: 814AZ

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**MCA IV Semester Examinations, April/May - 2019****SOFTWARE PROJECT MANAGEMENT****Time: 3 Hours****Max. Marks: 60****Note:** This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 8 marks and may have a, b, c as sub questions.

PART - A**5 × 4 Marks = 20**

- 1.a) What is Project Management? Discuss in brief. [4]
- b) Summarize the characteristics of a successful object-oriented project. [4]
- c) Write the primary objectives of Construction phase. [4]
- d) List the issues related to conventional work breakdown structures. [4]
- e) What is the need for process automation? [4]

PART - B**5 × 8 Marks = 40**

2. Explain the top 10 principles of Boehm's. [8]

OR

3. Discuss five basic parameters of the software cost model. [8]

4. Illustrate important trends involved in improving software economics. [8]

OR

5. Describe various dimensions of general quality improvements with a modern software process. [8]

6. Discuss the primary objectives and essential activities of Elaboration phase. [8]

OR

7. What is a Model? Explain about management perspective of model-based software architecture. [8]

8. Explain the allocation of artifacts and the emphasis of each workflow in each of the life-cycle phases. [8]

OR

9. Explain the minor milestones in the life cycle of an iteration process. [8]

10. Discuss the necessity of metrics automation in Software project management. [8]

OR

11. Explain process discriminators that result from the differences in domain experience. [8]