Code No: 814AZ

| **R13** |

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]