

Q. P. Code: 36051

Time: 3 Hours

Total Marks: 80M

- N.B. :**
- 1) Question No.1 is **compulsory**.
 - 2) Attempt any **Three** from the remaining **five** questions.
 - 3) Figures to the right indicate full marks.

- Q1. (a) Write an SRS for an Attendance management system [10]
(b) A project size of 200 KLOC is to be developed. Software development team has average experience on similar type of projects. The project schedule is not very tight. Calculate the effort, development time, average staff size and productivity of the project [10]
- Q2. (a) Explain three “R” in software engineering and with project management framework [10]
(b) Explain RAD and Agile in software engineering [10]
- Q3. (a) Explain different requirement elicitation techniques [10]
(b) Explain feasibility study and its types [10]
- Q4. (a) What is Business case? Explain with an example [10]
(b) Discuss various types of outsourcing relationships [10]
- Q5. (a) Explain the process of acquiring the project team [10]
(b) Explain the SEI Capability Maturity Model [10]
- Q6. Short Note (any 4 out of 5) [20]
(a) Degree of Rigor
(b) Risk management
(c) McCall’s Quality model
(d) Fishbone diagram
(e) Change management
