

Total No. of Questions :8]

[Total No. of Printed Pages :2

Roll No

MCA-302
MCA. III Semester
Examination, June 2017
Software Engineering Methodology

Time : Three Hours

Maximum Marks : 70

- Note:** i) Attempt any five questions.
 ii) All questions carry equal marks.

1. Discuss various information gathering tools.
2. Write a note on Form design methodologies.
3. Compare spiral model with prototype model and discuss their advantages and disadvantages.
4. What is RAD model? Discuss its various phases.
5. What are the characteristics of good design?
6. Explain cohesion and coupling and their types.
7. Explain:
 - i) Alpha and Beta testing.
 - ii) Black box and White box testing.

MCA-302

PTO

[2]

8. Answer any four of the following:

- a) What is system planning?
- b) Differentiate between software and program.
- c) What is Risk analysis?
- d) Discuss various steps for performing an effective software product review.
- e) What are the uses of CASE tools?
- f) In object oriented software engineering how element of object are identified?

MCA-302