

Register Number.....

M.C.A., DEGREE EXAMINATIONS: NOV/DEC 2012

Third Semester

MASTER OF COMPUTER APPLICATIONS

MCA512: Software Engineering

Time: Three Hours

Maximum Marks: 100

Answer All Questions:-

PART A (10 x 2 = 20 Marks)

1. Justify the term “Software doesn’t wear out “.
2. Distinguish between process method and tools.
3. List out the elements in computer based system.
4. What is meant by cardinality and modality?
5. What are the difficulties in requirement elicitation?
6. What is the advantage of information hiding?
7. Define re-factoring.
8. Define white box testing.
9. List out the elements of SCM.
10. Define software quality.

PART B (5 x 16 = 80 Marks)

11. a) Explain in detail about water fall model and spiral model with neat diagram.
(OR)
b) Explain in detail about agility and its process.
12. a) What are all the distinct functions executed in requirements engineering tasks?
(OR)
b) Explain in detail about building the analysis model.
13. a) Explain various design concepts in detail .

(OR)

b) List out and explain the concepts of coupling and cohesion.

14. a) Explain the strategic approach to software testing in detail.

(OR)

b) What is Software testing and explain any four testing techniques?

15. a) Describe the various software configuration management tasks in detail.

(OR)

b) Explain in detail about software quality assurance concepts and plan.
