

M.C.A. Third Year First Semester (CGS)
15540 : Software Project Management : 5 MCA 2

P. Pages : 2
Time : Three Hours



AW - 3621
Max. Marks : 80

Note : Use of pen Blue/Black ink/refill only for writing the answer book.

1. a) Draw and Explain Spiral process model in Software Engineering. 7
b) Explain evolving role of software. 7

OR

2. a) Draw and Explain RAD model. 7
b) Explain the 4 P's involved in software project management. 7
3. a) Explain the following terms : 6
i) Size Oriented Metrics. ii) Function Oriented Metrics.
b) Explain COCOMO in detail. 7

OR

4. a) Explain Software Project Estimation. 7
b) Explain Software risk in detail. 6
5. a) Explain Software Configuration Management. 7
b) Explain Scheduling using timeline chart. 6

OR

6. a) Explain following terms 6
i) Quality Assurance
ii) Quality Control
iii) Cost of Quality
b) What are the objectives of formal technical review? How it is conducted? 7
7. a) Explain design process with guidelines and attributes. 7
b) Explain the term Requirement Engineering in brief. 6

OR

8. a) Explain partitioning in software design. 6

- b) Explain Analysis principle in detail. 7
- 9. a) Explain Data Design in detail. 7
- b) Explain User Interface Design in detail. 6

OR

- 10. a) Explain Transaction Mapping in detail. 6
- b) Explain Architectural style & Explain taxonomy of style and patterns. 7
- 11. a) Explain White Box Testing. 7
- b) Explain the following terms, 7
 - i) Regression Testing
 - ii) Smoke Testing.

OR

- 12. a) Explain control structure testing in detail. 7
- b) Explain the following terms, 7
 - i) Validation
 - ii) Verification
