

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

P. Pages : 2

Time : Three Hours



AU - 3171

Max. Marks : 80

Notes : 1. Use of pen Blue/Black ink/refill only for writing the answer book.

1. a) What is mean by software? Explain different categories of software. 7
- b) Explain W5HH Principle in detail. 6

OR

2. a) Draw and Explain Concurrent Process Model in detail. 7
- b) Explain the qualities required in Team Leaders. 6
3. a) Explain metrics for small organization. 7
- b) Explain software decomposition techniques. 7

OR

4. a) What is mean by software measures? Also explain types of measures. 7
- b) Explain how resources affect the software project planning. 7
5. a) Explain software quality assurance in detail. 7
- b) Explain how to define a task set for software project. Also define task network in detail. 7

OR

6. a) How version control in SCM is done? 7
- b) What is mean by software reliability? Also explain what are the measures of software reliability. 7
7. a) Explain the following terms. 7
 - i) Cohesion
 - ii) Coupling
- b) Write and Explain the principles used for software design. 6

OR

8. a) Explain software prototype selection and prototype methods. 7
- b) Explain requirement analysis in detail. 6

9. a) Explain the following terms. 7
i) Graphical Design Notation ii) Tabular Design Notation
b) Explain Data design in software engineering. 6

OR

10. a) What is software architecture? Also explain its importance. 7
b) Explain Requirement mapping in detail. 6
11. a) Explain Integration Testing also explain its approaches. 7
b) Explain loop testing in detail. 6

OR

12. a) Explain unit testing in detail. 6
b) Explain debugging strategies in detail. 7
