

M06305

Reg. No. \_\_\_\_\_

Name : \_\_\_\_\_

THIRD SEMESTER M C A DEGREE EXAMINATION, JUNE 2006.  
MCA2K 305 – SOFTWARE ENGINEERING

Max. Time : 3 hrs

Max. Marks : 100

Answer any *Five* Questions

- I a) Explain the Waterfall and Spiral Model of Software Development (10)  
b) Explain the Requirement Engineering Process in Software Development (10)
- II a) Explain the Rapid Prototyping technique (10)  
b) Explain Interface specification and Behavioural Specifications (10)
- III a) Explain the different components of a Real-Time Executive (10)  
b) Explain the User Interface Design Process and major design Principles (10)
- IV a) Explain the different components of a Testing Workbench (10)  
b) Explain the Clean Room Software Development Method (10)
- V a) Explain the Process Capability Maturity Model (10)  
b) Explain the Group Working Process in Software Project Management (10)
- VI a) Explain the Major Risks involved in a Software Project (10)  
b) Explain the Process of Project Scheduling and Project Cost Estimation (10)
- VII a) Explain the Software Development Life Cycle (10)  
b) Explain the different Non-functional Requirements in Requirements Process (10)