

Register Number :

Name of the Candidate :

**6 9 4 8**

**M.C.A. DEGREE EXAMINATION, 2009**

( THIRD SEMESTER )

( PAPER - XV )

**310. SOFTWARE ENGINEERING**

( *Old Regulations* )

( *Including Lateral Entry* )

December ]

[ Time : 3 Hours

Maximum : 100 Marks

*Answer any FIVE questions.*

*All questions carry equal marks.*

(5×20 = 100)

1. (a) Explain the prototyping model. (10)
- (b) What is RAD model ? Explain. (10)

**Turn Over**

2. (a) Explain the software process model. (10)  
(b) Brief estimation techniques. (10)
3. (a) Write short notes on :
- (i) The product.
  - (ii) The process. (8)
- (b) Briefly explain behavioural modeling. (12)
4. (a) What is analysis ? Explain the structured analysis. (10)  
(b) Write briefly on data dictionary. (10)
5. (a) Explain the design concepts and principles. (10)  
(b) Explain the data design. (10)
6. (a) Explain the different software testing strategies. (10)  
(b) What is object oriented design ? (10)
7. What is role of walk ? What do you understand the role of walk in software engineering ? (20)

8. Write short notes on software maintenance and software reengineering. (20)