

**B.C.A. 4th Semester (Full & Re-appear)
Examination, May 2023
SOFTWARE ENGINEERING
Paper- BCA-209**

Time allowed : 3 hours] [Maximum marks : 80

Note: Attempt five questions in all, selecting one question from each unit. Question No. 1 is compulsory.

1. Write short notes on the following: 16
- (i) E-R diagram
 - (ii) Risk Management
 - (iii) Cohesion
 - (iv) Software Re-engineering

Unit-I

2. Explain the following : 16
- (i) Spiral Model
 - (ii) Software Process
3. Explain the following: 16
- (i) Requirement Engineering
 - (ii) Data Dictionary

Unit-II

4. What do you understand by Software Project Management? 16

(2)

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5. Give a complete description by Cost Estimation Models. 16

Unit-III

6. Explain the following: 16
- (i) Object Oriented Design
 - (ii) Software Metrics
7. Describe the following: 16
- (i) Good Coding Style
 - (ii) Software Implementation

Unit-IV

8. Give a Complete description about Software Maintenance. 16
9. Explain the following: 16
- (i) Structural Testing
 - (ii) System Testing

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