

97676

**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

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:

(i) Structural Testing

(ii) System Testing 16