



24CS-BCAP-MI-02-02001

Seat No. \_\_\_\_\_

BACHELOR OF COMPUTER APPLICATION-CS Examination  
BCA - CS SEMESTER-2 APRIL 2026 ( NEP ) APRIL - 2026  
CS-10: SAD, SOFTWARE QUALITY ASSURANCE & TESTING

Faculty Code : 11

Subject Code : 24CS-BCAP-MI-02-02001

Time : 2 Hours]

[Total Marks : 50

- Q.1 Attempt the following. 3
- (A) (1) DFD Stands for  
(2) What is Information System?  
(3) SDLC Stands for
- Q.1 Attempt any one of the following. 2
- (B) (1) Define Decision Tree.  
(2) Define term Software Engineering.
- Q.1 Attempt any one of the following. 5
- (C) (1) Explain SDLC in detail.  
(2) Explain Fact Finding Techniques in detail.
- Q.2 Attempt the following. 3
- (A) (1) What is Software Testing?  
(2) Define Bug in software testing.  
(3) Define Technical Review.
- Q.2 Attempt any one of the following. 2
- (B) (1) Define Test Script.  
(2) Define Load Testing.
- Q.2 Attempt any one of the following. 5
- (C) (1) Explain Techniques of Software Testing.  
(2) What is Software Testing Plan? Explain Levels of Software Testing.
- Q.3 Attempt the following. 3
- (A) (1) \_\_\_\_\_ developed Spiral Model in Software Engineering.  
(2) Define Iterative Model.  
(3) Define Automated Testing.
- Q.3 Attempt any one of the following. 2
- (B) (1) What is Big Bang Model?  
(2) Define V Model.

- Q.3 Attempt any one of the following. 5  
(C) (1) Explain Prototyping Software Development Model.  
(2) Explain Selenium Testing Tools in detail.
- Q.4 Attempt the following. 3  
(A) (1) COCOMO stands for.  
(2) Define Project Scheduling.  
(3) Define Timeline Chart.
- Q.4 Attempt any one of the following. 2  
(B) (1) What is Project Cost Estimation?  
(2) Define Activity Task Network Diagram.
- Q.4 Attempt any one of the following. 5  
(C) (1) Explain Project Management in detail.  
(2) Explain Automated Estimation Tools.
- Q.5 Attempt the following. 3  
(A) (1) UML stands for.  
(2) CAD stands for.  
(3) Define Aggregation in Class Diagram.
- Q.5 Attempt any one of the following. 2  
(B) (1) Write a short note on Use Case Diagram.  
(1) Write a short note on Class Diagram.
- Q.5 Attempt any one of the following. 5  
(C) (1) Explain MS-VISIO for Designing and Documentation tool in detail.  
(2) What is Activity Diagram? Draw activity diagram for College Admission Management System.

**::: END OF EXAM :::**