

Enrollment No: \_\_\_\_\_

Exam Seat No: \_\_\_\_\_

# C.U.SHAH UNIVERSITY

## Summer Examination-2017

**Subject Name: SAD-SE**

**Subject Code: 4CS02BSE1**

**Branch: BCA**

**Semester: 2**

**Date: 12/05/2017**

**Time: 02.00 To 05.00**

**Marks: 70**

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

---

**Q.-1 Define following. 14**  
**8**

- a) System
- b) Transaction Processing System
- c) Error
- d) Bug
- e) Test Script
- f) System Analyst
- g) Full form of PERT
- h) Full form of SDLC

**Briefly explain following. 6**

- i) Decision support system.
- j) Types of user
- k) Prototype

**Attempt Any Four from Q-2 to Q-8:**

- Q.2 Answer the following Questions 14**  
1. Write a note on SDLC (7)  
2. Discuss MIS and DSS (7)
- Q.3 Answer the following Questions 14**  
1. Write a note on Questionnaire, Record Review, Observation (7)  
2. Write a note on Decision Tree, Decision Table, SRS Document (7)
- Q.4 Answer the following Questions 14**  
1. Discuss with Suitable Example Data Flow Diagram, Data Dictionary (7)



2. Discuss Types of Various Prototype Methods (7)
- Q.5 Answer the following Questions 14**
1. Write a note on Sequential Method, Direct Method (7)
2. Discuss Test Harness, Failure, Bug, Error (7)
- Q.6 Answer the following Questions 14**
1. Discuss Spiral Model for software engineering. (7)
2. What is Testing ? Discuss Static Testing and Dynamic Testing (7)
- Q.7 Answer the following Questions 14**
1. Discuss Gantt Chart and PERT Chart (7)
2. What is Project Management Discuss Quality Management. (7)
- Q.8 Answer the following Questions 14**
1. What is Feasibility Study? Discuss Validations and Testing (7)
2. Write a note on 4P's Principle, (7)

