

Enrollment No: _____ Exam Seat No.: _____

C.U.SHAH UNIVERSITY

Summer Examination-2018

Subject Name: SAD-SE

Subject Code: 4CS02BSE1/4CS02ISE1

Branch: B.C.A/ B.Sc.I.T.

Semester: 2

Date: 04/05/2018

Time: 10:30 To 01:30

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.
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Que-1 Attempt all the following short questions. [14]

1. What is system?
2. Define subsystem?
3. Give the full form of DSS.
4. What is bug?
5. Define error.
6. Give one difference between black box testing and white box testing.
7. Give the full form of PERT.
8. Write any two characteristics of system.
9. What do you mean by test script?
10. What do you mean by validation?
11. Define defect.
12. What is testing?
13. List different types of sub systems.
14. What is decision table?

Attempt any four questions from Que-2 to Que-8

Que-2 Attempt all questions. [14]

1. Write a note on SDLC. [7]
2. Explain TPS and MIS in details. [7]

Que-3 Attempt all questions. [14]

1. Explain decision tree with example. [5]
2. Who is system analyst? Explain responsibilities of system analyst. [5]
3. Write a note on data dictionary. [4]

Que-4 Attempt all questions. [14]



1. What is Gantt chart? Explain with example. [5]
2. What is testing? Explain static testing. [5]
3. Write a note on dynamic testing. [4]

Que-5 Attempt all questions. [14]

1. What is test case? Explain with example. [5]
2. Explain spiral model with diagram. [5]
3. Write a note on prototype model. [4]

Que-6 Attempt all questions. [14]

1. What is file? Explain various types of files. [5]
2. Explain various file organization methods. [5]
3. Explain responsibilities of project manager. [4]

Que-7 Attempt the following questions. [14]

1. What is DFD? Explain DFD notations. Also explain physical and logical DFDs. [7]
2. Explain test plan and test suite in details. [7]

Que-8 Attempt all questions. [14]

1. Explain work breakdown structure. [5]
2. Explain input design method in detail. [4]
3. Write a note on fact finding technique. [5]

