Enrollment No:-_____   Exam Seat No:-_____

C.U.SHAH UNIVERSITY
Summer-2015

Subject Code: 4CS02ISE1   **Subject Name: SAD-DE**
Course Name: B.Sc. (IT)   Date: 22/5/2015
Semester: II   Marks: 70
                                           Time: 10:30 TO 01:30
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Instructions:
    1) Attempt all Questions in same answer book/Supplementary.
    2) Use of Programmable calculator & any other electronic instrument prohibited.
    3) Instructions written on main answer book are strictly to be obeyed.
    4) Draw neat diagrams & figures (if necessary) at right places.
    5) Assume suitable & perfect data if needed.
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(Q – 1) Attempt the following questions: (14)
    (1) Define term: System and Sub System
    (2) What is open system and closed system?
    (3) What is System analysis?
    (4) Which are feasibilities to study during system analysis?
    (5) Define term: System Design
    (6) Give definition of Business System
    (7) What is System analyst?
Attempt any four from Q-2 to Q-8.

(Q – 2) Attempt the following questions:
    (1) Explain Information System. Explain categories of information system.   (7)
    (2) Explain about System development life cycle.   (7)

(Q – 3) Attempt the following questions:
    (1) Explain the roles and tasks of system analyst.   (7)
    (2) Explain on Managing project review and selection.   (7)

(Q – 4) Attempt the following questions:
    (1) Discuss Decision tree.   (5)
    (2) Explain about Fact-Finding techniques.   (5)
    (3) How to build decision table? Discuss.   (4)

(Q – 5) Attempt the following questions:
    (1) Explain Data dictionary.   (7)
    (2) Explain about decision table.   (7)

(Q – 6) Attempt the following questions:
    (1) Explain about input design?   (5)
    (2) What are objectives of output design?   (5)

22-5

(3) Give importance of data dictionary   (4)

(Q – 7) Attempt the following questions:
      (1) Discuss on classical waterfall model.   (5)
      (2) Write a short note on work break down structure.   (5)
      (3) Explain about PERT chart.   (4)

(Q – 8) Attempt the following questions:
      (1)Explain about responsibilities of software project manager.   (5)
      (2) Write a short note on: Gantt chart.   (5)
      (3) Explain about 4P's principlefor project planning.   (4)

22-5