

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

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

# C.U.SHAH UNIVERSITY

## Winter Examination-2019

Subject Name : System Analysis and Design

Subject Code : 4CS03ISA1

Branch: B.Sc.I.T.

Semester: 3

Date: 17/10/2019

Time: 02:30 To 05:30

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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Q-1	Attempt the following questions:	(14)
	a) What is Information?	1
	b) What is Requirements?	1
	c) Define Testing	1
	d) Write full form of DFD	1
	e) Write full form of SDLC	1
	f) What is entity?	1
	g) What is transaction?	1
	h) What is Validation	1
	i) What is span of control?	1
	j) What is master file ?	1
	k) What is Report?	1
	l) What is Database?	1
	m) What is Data flow analysis	2
Attempt any four questions from Q-2 to Q-8		
Q-2	Attempt all questions	(14)
1	What is System? Explain Sub-system	7
2	Write a note on SDLC	7
3		
Q-3	Attempt all questions	(14)
1	Discuss Types of User	7
2	What is System analyst? Discuss Role and Task of System Analyst.	7
3		
Q-4	Attempt all questions	(14)
1	Write a note on Interview, Questionnaire, Record Review	7
2	Write a note on Decision tree and Decision table	7
Q-5	Attempt all questions	(14)
1	Write a note on Designing Data Flow Diagram	7



2	Explain Data dictionary	7
Q-6	Attempt all questions	(14)
1	What is file discuss Sequential Method, Direct Method	7
2	Discuss Various types of Prototype Methods	7
Q-7	Attempt all questions	(14)
1	Write a note on unit testing and system testing	7
2	Discuss coupling and cohesion	7
Q-8	Attempt all questions	(14)
1	Write a Brief note on Quality assurance	7
2	Discuss Feasibility study in Brief	7

