

Enrollment No: _____

Exam Seat No.: _____

C. U. SHAH UNIVERSITY

Summer Examination-2022

Subject Name: System Analysis and Design

Subject Code: 4CS03ISA1

Branch: B.Sc.I.T.

Semester: 3

Date: 26/04/2022

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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Que-1 Attempt all the following short questions.

[14]

1. Give the full form of DFD.
2. Define system.
3. What is structured analysis?
4. Give the full form of SAD.
5. What is black box testing?
6. Give full form of MIS.
7. What is verification?
8. Explain record in short.
9. Define file.
10. Draw the symbol used to show data flow in DFD.
11. What is crystal report?
12. What do you mean by unstructured interview?
13. What is quality assurance?
14. Give the full form of SQA.

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

Que-2 Attempt all questions.

[14]

1. What is SDLC? Explain different stages of it in detail. [7]
2. Discuss DSS and TPS in detail. [7]

Que-3 Attempt all questions.

[14]

1. Discuss questionnaires and record inspection techniques. [7]
2. Explain decision table with an example. [7]



- Que-4 Attempt all questions.** [14]
1. What is coupling and cohesion? Explain in detail. [7]
 2. Discuss master, report and table files in detail. [7]
- Que-5 Attempt all questions.** [14]
1. Define training. Explain various training methods. [7]
 2. Write a note on input design and its objectives. [7]
- Que-6 Attempt all questions.** [14]
1. Explain design of source document. [7]
 2. Explain logical DFD with example. [7]
- Que-7 Attempt all questions.** [14]
1. Explain data dictionary with its objectives. [7]
 2. What is output design? Explain types of output. [7]
- Que-8 Attempt all questions.** [14]
1. Discuss different methods to present information. [7]
 2. Write a note on unit and system testing in detail. [7]

