

Daffodil International University
Faculty of Science and Information Technology
Department of Computing and Information System
Class Test Examination: Spring Semester 2021
Program: B.Sc. in CIS (Batch – 3rd and 2nd)
Course Code: CIS 332
Course Title: Software Engineering

Time: 5 Minutes

Total Marks: 5 X 1 = 5

Student ID:	Batch:	Session:
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Part 1: MCQ

These are single best answer type of questions. Write down the most appropriate one on your answer script.

1. Which models is inappropriate for accommodating any change?
 - a) Agile Model
 - b) Prototyping Model
 - c) RAD Model
 - d) **Waterfall Model**
2. Which one is maintenance cost according to the cost concept of SDLC?
 - a) **40%**
 - b) 50%
 - c) 60%
 - d) 100%
3. Maintenance of software consists of
 - a) Error correction and Detection
 - b) Enhancements of Existing Capabilities
 - c) Deletion of Obsolete Capabilities
 - d) **All of the Above**
4. What does mean by a Software?
 - a) Software is set of programs
 - b) Software is documentation and configuration of data
 - c) **Software is set of programs, documentation & configuration of data**
 - d) All of the above
5. Which is the 2nd step in the software development life cycle?
 - a) **Analysis**
 - b) Design
 - c) Problem Identification
 - d) Development and Maintenance

Time: 55 Minutes

Part 2: SAQ

Total Marks: 10

(Answer the questions from the followings)

[The figures in the right margin indicate full marks for the respective question]

1. a) Suppose, you are going to perform a research on software engineering. You have already learnt different software process models from different books, conferences and articles papers. Now, you have to propose a new software process model based on your learning. Explain your proposed software process model with necessary diagram. [4]
- r b) Define CASE tools along with example. [1]
2. a) What are the costs of software engineering? [2]
- b) How can you handle a software project as a leader in a software farm? [1.5]
- c) According to you which SDLC model is the best? [1.5]

Commented [U1]: Propose a new model and prove it logically

Commented [U2]: Class lecture

Commented [U3]: Class lecture

Commented [U4]: Logically answer

Commented [U5]: Depends on software.