

BRAC UNIVERSITY
Department of Computer Science and Engineering

Examination: Quiz 01 CSE470:Software Engineering Course

Semester: Spring 2023

Duration: 25 Minutes

Full Marks: 15

No. of Questions: 2

No. of Page(s): 1

Name: (Please write in CAPITAL LETTERS)	ID: Sec:
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Answer the following questions.

Question 1

A. In what situation should we use the V-model? State the steps of V-model **[2+5]**

B. Differentiate between Sequential Process Model and Evolutionary Process Model. **[2]**

C. What happens when we remove testing steps from the V-model? **[1]**

Question 2:

Which SDLC model should you use? Explain your reasoning.

[2.5+2.5]

- I. Suppose you are a CTO at a software company and your company is expanding at a rapid growth rate. To maintain, you want to make a system that can keep track of your employees. You decided that the software should have departmental info, employee data (i.e attendance, salary, leave), company projects and funds and many other features that will be added in future. The project will be big enough and it requires multiple prototype to be released.
- II. You are asked to build an account management software for a local store. The system will store all the information regarding the inventory of the store. It can also calculate the budget history of the store. The customer wants the software as soon as possible for use in the store.