

Set-A

BRAC UNIVERSITY
Department of Computer Science and Engineering

Examination: Quiz 1
Semester: Fall 2024
Full Marks: 15

Duration: 20 min

CSE 470: Software Engineering

Name:

ID:

Section:

Question1: You and your friends have come across a business idea to buy vegetables from local farmers and sell them online. Now you want to develop an online platform to sell fresh vegetables. You have further plan to sell other groceries products in future. This system will include features like searching by category, online payment system, wish listing, keeping multiple carts and more. You plan to develop the system in multiple releases, prioritizing key functionalities like cart and payment methods first for the initial release and gathering feedback to improve subsequent versions. *[CO1] [10]*

- a. What SDLC process should be chosen to implement this System [1]
- b. Explain how the chosen SDLC model would be implemented in the above scenario? [5]
- c. How does this model benefit as compared to other chosen models? Justify your answer. [4]

Question 2: Write True or False beside the statement.

[CO1] [05]

1. The Incremental Process Model is suitable for delivering early software prototypes to customers.
2. In the Waterfall Model, stages are frozen sequentially, with no option to go back.
3. The V-Model allows changes to requirements at any stage of development.
4. The V-Model is an extension of the Waterfall Model with more focus on testing.
5. The Incremental Process Model delivers software in several completed increments.