BRAC UNIVERSITY
Department of Computer Science and Engineering

Examination: Quiz 1   Duration: 20 min

Semester: Fall 2024   Full Marks: 15

CSE 470: Software Engineering

Name:	ID:	Section:

The MIS department of "Amader Oil Corp" found a hard challenge that requires management and efficient handling of a valuable task. So that the team realized the necessity of a software solution. After careful consideration and thorough research, the MIS department chooses "OUR IT", a renowned company for delivering innovative solutions. Both organizations quickly decided to collaborate. As the research progressed, the MIS department discovered that the project's requirements were well-defined and manageable. As the time was limited it was important to get the whole software up and running as soon as possible. Shumon Ahmed, the team lead at "OUR IT" assured the MIS department that OUR IT already had a team of highly skilled engineers, all well-trained and ready to tackle the challenges of the project. Moreover, Shumon added that the technological support needed for the task was also available and stable within their company. The Oil Corp also ensured that they were sure about their initial analysis and wouldn't change any features in the development phase. Thanks to the efficient coordination, the software solution was delivered well within the timeframe.

| 1. | CO1 | A. **What** considerations does "Our IT" take into account when deciding to develop a software solution? [2] Ans: Budget, time, feasibility etc.
B. **Which** SDLC should Shumon Ahmed select for the software development, and justify your choice? [5] Ans: Waterfall
C. Based on the selected model, is it feasible to implement any additional changes in the feature set while in the development phase? Justify your response. [3] Ans: No
D. If the team decides to create documentation after the development, mention two advantages and disadvantages of the chosen model in the above scenario.[4] Ans: Check slide | 15 |