

# BRAC UNIVERSITY

## Department of Computer Science and Engineering

Semester: Spring 2023

Course: CSE 471 System Analysis and Design

Quiz 1

**Section: 05**

**Total Marks: 15**

**Time: 25 Minutes**

**Name:**

**ID:**

CO1 1. **Calculate** the Break-Even Point and Return of investment using following information.

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	Year 0	Year 1	Year 2	Year 3
Total benefits	10,000	32,000	42,000	45,000
Total costs	75,000	12,000	10,000	15,000

CO1 2. Identify functional and non-functional requirements for a Ride Sharing application (at least four requirements from each type would be ideal).

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CO1 3. A digital marketing agency wants to offer a huge number of marketing services to its customers. The company requires a website and a backend application where the customers can select the services according to their company size and requirements. The company has plans to change the service types that they provide and wants the customers to be able to adapt to it. Write down which System Development methodology should be appropriate to be used in this situation and defend your answer in brief.