**BRAC University (Department of Computer Science and Engineering)**

**CSE 470 (Software Engineering) | Summer 2023**

**Quiz 1 (Set B)**

**Student ID:**

**Section: Full Marks: 10**

**Name: Duration: 20 minutes**

1. A software development team has been assigned a long-term project to develop a resource planning system for a multinational corporation “Global Corporation Ltd”. The system aims to streamline various business processes, including finance, human resources, inventory management, and customer relationship management. The project has a large-scale scope, complex integration requirements, and involves multiple departments and stakeholders within the organization. Global Corporation wants to ensure that the system evolves and adapts over time to meet changing business needs and industry trends.
2. What is pair programming? Briefly explain. **(2 marks)**
3. In the above scenario, which of the SDLC methods do you think will be the most appropriate for the development of the system? And why? **(5 marks)**
4. Are agile methods well-suited for long-term and complex projects? Explain your answer in the light of the given scenario. **(3 marks)**