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Daffodil International University

Department of Computer Science and Engineering

Faculty of Science & Information Technology

Course Code: CSE 115, Course Title: Introduction to Biology and Chemistry for Computation

Quiz-1, Section: 69_L

Date: 28-05-2025

Time: 30 Minutes **Marks: 15**

1. If you were designing a new drug, how would computational chemistry assist in the process? 4
2. Do you think AI-driven molecular simulations are more reliable than traditional lab experiments? Why or why not? 4
3. What are the benefits of chromatography? 4
4. Can you design a basic flowchart for how a computerized water treatment plant might work? 3