National University of Computer and Emerging Sciences

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| Program & Code | BCS-CL3001-Fall 2023 | Exam Type | Quiz |
| Time | 15 min | Weightage | 3% |
| Name |  | Topic | Multithreads + NS |
| Roll No |  | Section 1 or 2? |  |



Q1: How does multithreading enhance the performance of network applications, and what challenges might arise when implementing multithreading in network programming? [5]

Q2:Explain the significance of NS2 in the context of computer networks, and discuss a specific scenario where NS2 can be effectively used for simulation and analysis. [5]