**Computer Networks**

**Fall 2023**

Assignment 1

**Due Date:**

**Submission Mode & Time:** Handwritten solutions to be submitted during the lecture and scanned or documented PDF to be posted on classroom submission.

**Please note the following:**

1. No exceptions to the above date and time will be allowed. Inability to submit the assignment by the required time will result in zero marks.
2. To ensure self-completion of assignments and discourage plagiarism, the instructor or the relevant TA may randomly contact you and ask for an explanation of your answers. Where plagiarism and/or cheating is evident, you will be referred to the departmental disciplinary committee. In extreme cases of plagiarism an F may be awarded immediately with further referral to university disciplinary committee.

**Use the following text for completion of this part of the assignment:**

**Computer Networking - A Top-Down Approach 8th Edition by Kurose & Ross.**

Solve the following problems from the back of **Chapter 1**. Every Question has equal marks i.e., (12\*5 =50 marks)

**PART-I**

Review Questions:

R15, R17, R20, R21

Problems:

P24, P25, P26, P27, P28

**PART-II**

Explain OSI model and IP stack separately with the help of a read world analogy.