Instructions for Students

1. Assignment should be Handwritten and neatly done.Diagram should be drawn with pencil and scale.
2. Assignment should be submitted on or before the date of submission. No assignments after date of submission will be entertained.
3. Assignment should be submitted in A4 size sheets. Use both sides of sheet.
4. Date of submission- 11/11/2021

Assignment1

Fundamental of Computer and Introduction to Programming(TCS101)

Q1. Write a comparative analysis among different generations of computer in detail.

Q2. Explain the Block Diagram of the computer in detail. (Draw neat diagram)

Q3. What is the Operating System? Explain in detail all the functions of the operating system.

Q4. Write short notes on the following-
- Types of software
- Computer Network
- Networking Topologies

Q5. Explain memory hierarchy in detail. (Draw neat diagram)

Q6. Give two reasons why caches are useful. What problems do they solve? What problems do they cause? If a cache can be made as large as the device for which it is caching (for instance, a cache as large as a disk), why not make it that large and eliminate the device?

Q7. What are some of the factors that determine whether a communication system is a LAN or WAN?