UNIVERSITY OF CENTRAL PUNJAB

(Faculty of IT)

**Computer Communications and Networks (CCN)**

**Assignment No 1 Date :**

**Total Marks:**  **Due Date :**

1. Under what conditions would circuit switching be a better network design than packet switching?
2. Draw the 5-layer Internet Architecture and name the major protocols used at different layers. Also, explain in your own words the major functions performed by each of the layers.
3. Make at least 10 comparisons between OSI Model and TCP/IP.
4. Compute delay involved to send 200 KB file from Host A to Host B. Propagation speed at each link is approximately 2x108 m/sec. Queuing delay at Router is 25 msec.



***Assignment Guidelines:***

*Assignment is to be done* ***individually****.*

***Assignment should be handwritten take pictures make pdf and submit on portal. Keep Hand written with yourself to be submitted in class.***

*The answers should be in your* ***own words****; there should be* ***no copying*** *from any source.*

*The neatness of the assignment will also carry marks.*

*Assignments will* ***NOT be accepted after the due date.***