ASSIGNMENT 5: TRANSPORT LAYER

1. What is a Transport Layer ? Explain various functions of the Transport Layer.
2. Differentiate Connection Oriented and Connectionless Protocol.
3. What is TCP? Write about various Features, Services and Header format of TCP.
4. What is UDP ? Write about various Features, Services and Header format of UDP.
5. What is Congestion Control ? Explain Leaky Bucket and Token Bucket Algorithms in detail with diagrams.
6. Explain about Connection Establishment and Connection Termination in TCP with proper diagrams.
7. Write short notes on:
   Flow Control and Buffering
   Port Address
   Error Control in Transport Layer

8. Explain reliable data transfer and pipelined reliable data transfer in Transport Layer.
9. What is RPC? Write the various steps involved in RPC/