

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**COMPUTER NETWORKS (23CS502)**

**UNIT-IV**

S. No	PART-A(Short Questions)	BT	CO	PO
1	Explain UDP.	L1	CO4	PO1
2	Explain TCP.	L1	CO4	PO1
3	Explain the duties of transport layer.	L1	CO4	PO1
4	What are the elements in transport protocols	L1	CO4	PO1
5	Explain about Congestion Avoidance	L1	CO4	PO2
6	Explain about connection management	L1	CO4	PO1
7	What is the difference between network layer delivery and the transport layer delivery?	L3	CO4	PO2
8	What is meant by segment?	L1	CO4	PO1
9	The transport layer creates the connection between source And destination. What are the three events involved in The connection?	L3	CO4	PO2
10	What are the four aspects related to the reliable delivery of data?	L1	CO4	PO1
<b>PartB(LongQuestions)</b>				
11	a)Explain the duties of transport layer?	L3	CO4	PO1, PO2
	b)Write short notes on performance issues of transport layer			
12	a)Show the different approaches in Packet Switching. Explain them in detail.	L1	CO4	PO1, PO2, PO3
	b)Explain in detail about the process-to-process delivery using UDP and its uses			
13	a)Enumerate the mechanism of three-way hand shake protocol for TCP	L2	CO4	PO1, PO2, PO3
	b) Describe about a)TCP connection management.b) Avoidance of congestion in TCP			
14	a)Explain in detailed about the Transport Layer.	L1	CO4	PO1, PO2
	b)Explain the function of TCP/IP protocol.			
15	a)Explain about elements of transport protocols	L1	CO4	PO1, PO2
	b)Explain the function of TCP/IP protocol.			
16	a)Write short notes on User Datagram Protocol(UDP).	L1	CO4	PO1, PO2, PO3
	b)Explain the operation of TCP with neat sketch.			