

JIS College of Engineering

Department of information Technology

COMPUTER NETWORKS (IT-602)

Assignment Number: 4

Topic: Transport Layer (TCP)

1. Describe the process of a 3-way connection set-up of TCP
2. Describe the process of data transfer over TCP
3. Describe the process of 3-way handshaking mechanism for closing a connection
4. What do you mean by passive open and active open?
5. What do you mean by passive close and active close?
6. What do you mean by half-closing a connection? Why is it used?
7. Describe the roles of the fields *URG* pointer and URG flag in a TCP header.
8. What do you mean by connection Reset?
9. What do you mean by "*TCP keep-alive*"
- 10.
- 11.



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