

Sheet 3

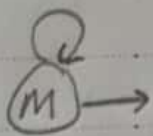
Q1) MCQ:

1. d. boss a & b (a \rightarrow lw rev)
2. b. breaks app message into segments, pass to network
3. c. TCP & UDP
4. a. multiplexing at sender
5. c. IP address & port address
6. b. Different
7. Headers size small

stateless

Doesn't establish Connection

No Congestion Control

8. a. Detect errors
9. b. 1s complement
10. b. separate FSM (Finite state Machine) 
11. b. RDT 2.0
12. c. RDT 3.0
13. a. Cumulative ack
14. b. When timer expires, retransmit all unacked packets
15. d. End to End connectivity
16. b. It does three way handshake before sending datagrams
17. b. TCP, 80

Q2) True or False

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|---------------------------------------|-------------------------|------------------------|
| 1. False (Network layer) or (Process) | 4. False (out of order) | 7. True |
| 2. True | 5. False (E13Ks) | 8. True (multiplexing) |
| 3. True | 6. False | 9. False (segments) |