

AG AG AG AG AG AG AG A

**R16**

Code No: 137BK

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, October/November - 2020

COMPUTER NETWORKS

(Electronics and Communication Engineering)

AG AG AG AG AG AG AG A

Time: 2 hours

Max. Marks: 75

Answer any Five Questions

All Questions Carry Equal Marks

---

- 1.a) Distinguish between Circuit Switched networks and Datagram networks [7+8]
- b) What is Transmission media? Explain the classification of Transmission media. [15]
2. Explain the functions of various layers in TCP/IP protocol suite. [15]
3. Explain about the operation of Selective Repeat protocol. [15]
4. Explain about the CSMA/CA protocol. [15]
5. Explain about the Distance vector routing protocol with an example. [15]
- 6.a) What is the basic functionality of routers and repeaters? [8+7]
- b) Give a detail notes on BGP.
7. Explain about the three way handshake for connection establishment and termination in TCP. [15]
- 8.a) Explain about the Secure Socket Layer function. [8+7]
- b) Write the protocol stack of Bluetooth.

---ooOoo---

AG AG AG AG AG AG AG A

AG AG AG AG AG AG AG A

AG AG AG AG AG AG AG A