R15

Code No: 823AE

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA III Semester Examinations, October/ November - 2020
COMPUTER NETWORKS

Time: 2 Hours   Max. Marks: 75

Answer any five questions
All questions carry equal marks

1.a) Write about networks, switching, and internet in view of internetworking.
  b) What are "Internet standards and Internet Administration"?   [7+8]

2. Describe about repeaters, hubs, bridges, switches, routers and gateways in brief.   [15]

3. Write short notes on the following:
   a) Distance Vector Routing
   b) Count-to-Infinity problem.   [7+8]

4. Write about ARP and IPV6 protocols.   [15]

5. Write short notes on the following:
   a) TELNET
   b) SSH.   [7+8]

6. Differentiate between OSI and TCP/IP reference modes.   [15]

7. State different types of channel allocation problems in LANs and MANs.   [15]

8. Explain about "Hierarchical routing" with example.   [15]

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