## 4/12/2024 IT SEM-IV C SCHEME CNND QP CODE: 10064563

(3 Hor	lours)			(Total Marks: 8
N.B.:	<ul> <li>(1) Question No.1 is compulsory.</li> <li>(2) Attempt any three questions from the rema</li> <li>(3) Make suitable assumptions wherever neces</li> </ul>			
				Dy De
b c.	<ul> <li>a. Explain in detail TCP Timers.</li> <li>b. Compare Circuit-Switched Networks and Packet</li> <li>c. What is the difference between MAC address and</li> <li>d. Explain Domain Name System (DNS).</li> </ul>			05 05 05 05
	<ul><li>.a. Explain in detail Link state routing.</li><li>.b. Explain the OSI model of Computer Network with</li></ul>	th a neat di	ag <mark>ram</mark> .	10
	<ul><li>a. Explain in detail Classful and Classless IP addres</li><li>b. Explain in detail TCP header with diagram.</li></ul>	sses		A 10
_	<ul> <li>a. Draw and explain guided and unguided transmiss</li> <li>b. An organization is granted the block 18.0.0.0/8. To 511 fixed-length subnets.</li> <li>a. Find the subnet mask in each subnet.</li> <li>c. Find the first and the last address</li> </ul>	The admini a.b. Find tl	strator he numb	per of addresses
	.a. Explain in detail Go-Back-N protocolb. Explain in detail CSMA protocols.	2 Dy Jy		10
a. b. c. d.	b. SNMP c. VLAN d. RPC			20
250				