

HALL TICKET NUMBER

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PACE INSTITUTE OF TECHNOLOGY & SCIENCES::ONGOLE
(AUTONOMOUS)

IV B.TECH I SEMESTER END REGULAR EXAMINATIONS, NOV-2022

WIRELESS NETWORKS AND MOBILE COMPUTING

(Common to CSE & CSIT Branches)

Time: 3 hours

Max. Marks: 60

Note: Question Paper consists of Two parts (Part-A and Part-B)

PART-AAnswer **all** the questions in Part-A (5X2=10M)

Q.No.	Questions	Marks	CO	KL
1.	a) Discuss about WWW	[2M]	1	6
	b) Differences CDMA & GSM?	[2M]	2	1
	c) What is meant by Encapsulation?	[2M]	3	1
	d) Write brief notes on Congestion Control.	[2M]	4	1
	e) What are the security problems in MANETs	[2M]	5	1

PART-BAnswer **One** Question from each UNIT (5X10=50M)

Q.No.	Questions	Marks	CO	KL
UNIT-I				
2.	Explain Different Types of Networks?	[10M]	1	5
OR				
3.	a) Explain about Mesh Networks	[5M]	1	5
	b) Compare wired and wireless networks.	[5M]	1	4
UNIT-II				
4.	a) With a neat sketch explain GSM Architecture.	[5M]	2	1
	b) What is GPRS? Explain.	[5M]	2	1
OR				
5.	Explain Architecture of Mobile Computing?	[10M]	2	5
UNIT-III				
6.	a) Explain About DHCP	[5M]	3	5
	b) Explain IP Packet delivery	[5M]	3	5
OR				
7.	Explain about CDMA.	[10M]	3	5
UNIT-IV				
8.	a) Explain Traditional TCP	[5M]	4	5
	b) Explain Snooping TCP	[5M]	4	5
OR				
9.	a) Describe transaction oriented TCP.	[5M]	4	2
	b) Explain Mobile TCP	[5M]	4	5
UNIT-V				
10.	Explain the properties and applications of MANETs.	[10M]	5	5
OR				
11.	a) Compare the reactive and proactive routing protocols.	[5M]	5	4
	b) Explain about Routing in MANETS	[5M]	5	5
