Seat					Ĭ
No.					

Total No. of Pages: 2

## T.E. (Computer Science and Engg.) (Semester - V) (Revised) Examination, May - 2019 NETWORK TECHNOLOGIES

		Sub. Code : 66297				
e : 02	.30 p.m. to 04.	30 р.т.	arks : 50			
uctio	2) Att 3) Fig	tempt any three questions from Q.2to Q.5. gures to the right indicate full marks.				
a)	Explain broa	deast and common control channels of GSM.	[6]			
b)	Explain IEEE	E 802.11 MAC frame format.	[4]			
c)	Explain desig	gn goals of MAC protocol for AD hoc wireless net	work.[4]			
a)	Explain the fo	ollowing GSM Identities.				
	i) MSISD	N				
	ii) IMSI					
	iii) IMEI		[6]			
b)	What is TDD	? Explain Bluetooth multislot packet transmission.	[6]			
a)	Explain MAG	C layer operation of IEEE 802.11.				
	i) Distribu	nted control function.				
	ii) Point co	pordination function.	[6]			
b)	Explain the following physical links used in Bluetooth.					
	i) Asynch	ronous connectionless link.				
	ii) Synchro	onous connection oriented link.	[6]			
	e: 02 uction  a) b) c) a)	e: 02.30 p.m. to 04. uctions: 1) Q. 2) At 3) Fig 4) As: a) Explain broa b) Explain IEEI c) Explain desig a) Explain the foi MSISD ii) IMSI iii) IMEI b) What is TDD a) Explain MA( i) Distribut ii) Point co b) Explain the foi i) Asynch	Sub. Code: 66297  and Date: Wednesday, 15 - 05 - 2019 e: 02.30 p.m. to 04.30 p.m. uctions: 1) Q.1 is compulsory. 2) Attempt any three questions from Q.2 to Q.5. 3) Figures to the right indicate full marks. 4) Assume suitable data if necessary.  a) Explain broadcast and common control channels of GSM. b) Explain IEEE 802.11 MAC frame format. c) Explain design goals of MAC protocol for AD hoc wireless net a) Explain the following GSM Identities. i) MSISDN ii) IMSI iii) IMEI b) What is TDD? Explain Bluetooth multislot packet transmission. a) Explain MAC layer operation of IEEE 802.11. i) Distributed control function. ii) Point coordination function. b) Explain the following physical links used in Bluetooth. i) Asynchronous connectionless link.			

P.T.O.

			SV - 205
Q4)	a)	Explain weaknesses in WEP scheme.	[6]
	b)	What are the applications of wireless sensor networks?	[6]
<b>Q</b> 5) a	a)	Write a note on VPN.	[6]
	b)	Explain the architecture of sensor node.	[6]

