

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2018

Subject Name : Wireless Communication & Mobile Technology

Subject Code : 4CS04IAN2

Branch: B.Sc.I.T.

Semester : 4

Date : 03/05/2018

Time : 10:30 To 01:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1	Attempt the following questions:	(14)
	a) Write full form of DSL.	1
	b) What is Bluetooth?	1
	c) Define Network.	1
	d) Write the full form of VOIP.	1
	e) What is GPS?	1
	f) Write full name of GPRS.	1
	g) Define Spectrum.	2
	h) What do you mean by Multiplexing?	1
	i) List the features of 4G Technology.	2
	j) What is multimedia?	1
	k) How does an Infrared work?	2
	l) Write the full form of ATM.	2

Attempt any four questions from Q-2 to Q-8

Q-2	Attempt all questions	(14)
A	Write note on Radio and Microwave transmissions.	7
B	Describe the structure of PSTN.	7
Q-3	Attempt all questions	(14)
A	Explain handover and handoff process with examples.	7
B	Describe GPRS architecture in detail.	7
Q-4	Attempt all questions	(14)
A	Compare GEO, LEO and MEO.	7
B	Explain the concept of Multiplexing and Demultiplexing.	7



Q-5	Attempt all questions	(14)
A	Describe HDLC and PPP in detail.	7
B	Compare 2.5G , 3G and 4G.	7
Q-6	Attempt all questions	(14)
A	Explain Mobile Adhoc networks.	7
B	Describe RTP, RTCP and RTSP.	7
Q-7	Attempt all questions	(14)
A	Explain WLAN, WMAN and WPAN.	7
B	Explain wireless sensor networks.	7
Q-8	Attempt all questions	(14)
A	Explain the concept of wireless LAN.	7
B	Describe ATM technology in detail.	7

