

Guru Nanak Dev Engineering College, Ludhiana			
Department of Electronics and Communication Engineering			
Program	B.Tech.(ECE)	Semester	7
Subject Code	OEEC-104	Subject Title	Wireless communication
Mid Semester Test (MST) No.	2	Course Coordinator(s)	Harminder Kaur
Max. Marks	24	Time Duration	1 hour 30 minutes
Date of MST	26.12.2021	Roll Number	

Note: Attempt all questions

Q. No.	Question	COs, RBT level	Marks
Q1	Explain the working of Asynchronous Transfer Mode (ATM) technology in detail.	CO5, L3	10
Q2	Discuss in detail the architecture of UMTS technology.	CO5, L2	10
Q3	Explain the importance of Advanced Intelligent Network (AIN) in wireless communication.	CO6, L2, L3	10

Course Outcomes (CO)

Students will be able to

1	Understand the basic elements of Cellular Radio Systems and its design.
2	Describe different types of interferences.
3	Identify the requirements of Multiple Access techniques for Wireless communication.
4	Explain the functioning of packet radio protocols.
5	Distinguish different wireless communication systems and standards.
6	Summarize features of various intelligent networks.

RBT Classification	Lower Order Thinking Levels (LOTS)			Higher Order Thinking Levels (HOTS)		
RBT Level Number	L1	L2	L3	L4	L5	L6
RBT Level Name	Remembering	Understanding	Applying	Analyzing	Evaluating	Creating