

Jaypee University of Engineering & Technology, Guna**T-1(Even Semester 2023)**
18B14CI842 – MOBILE COMPUTING

Maximum Duration: 1 Hour

Maximum Marks: 15

Notes:

1. This question paper has five questions.
2. Write relevant answers only.
3. Do not write anything on question paper (Except your Er. No.).

	Marks	CO No.
Q1. Elucidate the characteristics of mobile computing. What are the major limitations of mobile computing?	[03]	CO2
Q2. Describe the categories of MAC Protocols? Compare different fixed assignment MAC protocols.	[03]	CO3
Q3. Draw TDMA frame, slots and bursts in terms of time duration, fields and size of each field. How many total channels are there in uplink and downlink?	[03]	CO4
Q4. What are the important functions of Network Switching Subsystem? Explain the various functional units of NSS with block diagram.	[03]	CO3
Q5. Illustrate the key features and disadvantages of second and third generations of mobile communication systems.	[03]	CO2