Semester VI (B.Tech)

Er. No. 201B308
Academic Year: 2022-23

Jaypee University of Engineering & Technology, Guna

T-2(Even Semester 2023)

18B14CI842 – MOBILE COMPUTING

Maximum Duration: 1 Hour 30 minutes   Maximum Marks: 25

Notes:
1. This question paper has 5 questions.
2. Write relevant answers only.
3. Do not write anything on question paper (Except your Er. No.).

		Marks	CO No.
Q1.	Describe the four possible handover scenarios of GSM and sketch them.	[05]	CO2
Q2.	Explain the design goals, requirements and working of mobile IP. How Agent Discovery and Agent registration are done?	[05]	CO3
Q3.	Illustrate Mobile IP tunneling with the help of diagram. Draw and explain the frame format of IP-in-IP encapsulation. Where minimal and generic routing encapsulations are used?	[05]	CO4
Q4.	Define triangular routing problem and how it can be solved by binding request, binding update, binding acknowledgement and binding warning messages. Explain these four additional messages.	[05]	CO3
Q5.	What are the major differences between Mobile IPv4 and Mobile IPv6?	[05]	CO5