

**Sixth Semester B. Tech Degree Course Sessional Test II APRIL-2020****CS 364 MOBILE COMPUTING****Time: - 2 Hour****Maximum Marks: 50****PART A (Answer all questions)**

Q.No	Questions	Marks	CO	BTL
1	Explain slow start mechanism in conventional TCP, what is the impact of high error rate and missing acknowledgements in wireless network on slow start?	5	CO4	1
2	Define Care-of address (COA). What are the two possibilities for the location of COA?	5	CO4	2
3	How does Wireless Application Protocol (WAP) provide mobility support in mobile applications? Explain with suitable diagram.	5	CO4	3
4	How can the overhead for TCP be reduced using transaction-oriented TCP?	5	CO5	3
5	Explain the mobile application languages, J2ME.	5	CO5	3
6	What are the major components of security, explain each with examples.	5	CO5	3
7	Explain how XML can be used in mobile computing.	5	CO5	3
8	Design an ad-hoc network with mobile nodes; describe in detail the working of the best routing algorithms suitable for the design.	5	CO6	3
9	Explain 5G network.	5	CO6	1
10	Describe the LTE architecture in detail with block diagram.	5	CO6	1

All the Best

