
 SURESH GYAN VIHAR UNIVERSITY <small>Accredited by NAAC with 'A' Grade</small>		INTERNAL ASSIGNMENT - 1
Course	MCA	Mobile Computing
Semester	4	
Total Marks:	15	

Q.1. Write answers for any two questions from below. 5 marks each – Word limit – 500

- A. Explain mechanism for IP packet delivery using mobile IP concept.
- B. Explain different layout managers and describe GridLayout with example code.
- C. Explain need and architecture of Palm OS. Explain Windows CE Architecture with its features.

Q.2. Write short notes on all of the following topics (1 mark each - Word limit - 100)

- A. What is the reason for the failure of CSMA/CD in wireless networks?
- B. Internet Resources
- C. The advantages and disadvantages of WLAN.
- D. Define hoarding. Explain hoarding techniques.
- E. Selective retransmission policy in mobile TCP.

 SURESH GYAN VIHAR UNIVERSITY <small>Accredited by NAAC with 'A' Grade</small>		INTERNAL ASSIGNMENT - 2
Course	MCA	Mobile Computing
Semester	4	
Total Marks:	15	

Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)

- A. Explain the basic transmission technologies and basic network settings used in Wireless LANs. Explain how DHCP can be used to support mobility and mobile IP with its operational steps.
- B. Explain the integration process of tele, bearer and supplementary services through GSM. Explain the process of allocating frequencies to transmission channels in mobile communications using FDMA.
- C. What are the subsystems in used in GSM network architecture? Explain the functionality of each unit with GSM architecture.

Q.2. Write short notes on all of the following topics (1 mark each - Word limit - 100)

- A. Features of MIDP 3.0
- B. What is basic purpose of DHCP?
- C. Advantages of Snooping TCP.
- D. Define SQLite. Write steps to create SQLite Database.
- E. Name the entities of DHCP.