

Roll No.

Total Pages : 2

BT-6/M-21

46115

MOBILE COMPUTING

Paper–CSE-306N

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt *five* questions in all, selecting at least *one* question from each unit. All questions carry equal marks.

UNIT-I

1. (a) Discuss the role of HLR-VLR in GSM. 7½
(b) Differentiate CDMA and WCDMA. 7½
2. (a) What are the different managements under GSM protocol architecture? 7½
(b) Discuss various design considerations for mobile computing. 7½

UNIT-II

3. (a) Discuss the significance of Mobile IP in mobile computing. 7½
(b) Explain WAP Architecture in detail. 7½
4. (a) Differentiate Traditional TCP and Classical TCP. 7½
(b) What is DCCH? Discuss various types of DCCH. 7½

UNIT-III

5. Explain cloud architecture model. Discuss different types of Clouds. 15
6. How the Data is processed in Cloud? Explain in detail. 15

UNIT-IV

7. (a) Discuss QoS in Ad Hoc Networks. 7½
- (b) Differentiate pico-net and scatter-net in Bluetooth technology. 7½
8. Write short notes on following :
- (a) GSR. 7½
- (b) Architecture of AODV. 7½

