

Roll No.

Total Pages : 02

BT-6/M-14

8601

MOBILE COMPUTING

CSE-302

Time : Three Hours]

[Maximum Marks : 100

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

Unit I

1. (a) Explain evolution of mobile systems.
(b) What are different location management schemes ? Describe in detail.
2. (a) What is the frequency allocation problem in cellular architecture ? How is it solved ?
(b) Explain the basic working of GSM.

Unit II

3. (a) Explain push and pull data delivery models.
(b) What are energy efficient indexing schemes in mobile systems ?

4. (a) What is the requirement for storage managers in mobile systems ?
- (b) Describe distributed file sharing schemes for mobility support.

Unit III

5. (a) What are the differences in the working of AODV and DSR ?
- (b) Explain FSR Protocol.
6. (a) Describe working of LAR routing protocol ? How is it different from other protocols ?
- (b) What is the concept of sequence numbers in DSDV ?

Unit IV

7. (a) What are the problems with mobile transaction models ?
- (b) Explain basic protocol for mobile commerce.
8. What are Mobile Transactions ? Explain recovery model for them.