BT-6/M-23

46172

MOBILE COMPUTING
Paper : PE-CS-S312A PE-IT-S3/2A

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) What are the various issues in mobile computing? Explain. 7.5

    (b) What do you mean by co-channel interferences? How these can be resolved? 7.5

2. (a) What is handoff? Explain various types of handoffs in brief. 7.5

    (b) Describe the architecture for mobile computing. 7.5

UNIT–II

3. What is WAP? Describe its architecture and applications in detail. 15

4. (a) Describe the various techniques for multiple access in brief. 8

(b) What is mobile IP? How it is different from cellular IP?   7

UNIT–III

5. What is mobile transaction? Explain any *three* models for mobile transaction in detail.   15

6. (a) What is cloud computing? Explain various types of clouds in detail.   7.5

    (b) Discuss various features of Map Reduce for data processing on large clusters.   7.5

UNIT–IV

7. (a) How can you categorize routing protocols in MANETs? Explain.   7.5

    (b) Explain working of destination sequenced distance vectored protocol in brief.   7.5

8. Explain LAR and fish-eye state routing protocols in detail.   15

_____