

Subject Name: Mobile Computing
Subject Code: ECS-087

Assignment 3

Attempt any five questions:

1. Describe the different data management issues and challenges related to mobile computing.
2. Discuss the impact of Transaction processing, data dissemination, Query processing, Caching on Mobile computing.
3. Describe the architecture and working of Mobile database.
4. Describe the architecture and working of Data replication.
5. Describe the architecture and working of Clustering Algorithm.
6. Describe the architecture and working of CODA File System (hoarding, emulation, and reintegration).
7. Explain the disconnected operation in CODA File System
8. Write a note on:
 - (a) Pointer Forwarding Strategies.
 - (b) Multi Cluster
 - (c) Adaptive Cluster
 - (d) Index Replication