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SUBJECT CODE NO:- H-1691
FACULTY OF SCIENCE AND TECHNOLOGY
M.E. (Comp. Sci. & Engg.)
Elective-II: Wireless Comm. & Mobile Computing
(REVISED)

[Time: Three Hours]

[Max.Marks:80]

Please check whether you have got the right question paper.

- N.B 1. Solve any two questions from each section.
- Section A**
- Q.1 a) What is CDMA technology? Explain direct sequence spread spectrum. 10
b) Explain WiFi and WiMax technology in detail. 10
- Q.2 a) Explain wireless LAN security issues. And also explain a hidden and exposed terminal problem in wireless LAN. 10
b) Explain ALOHA and CSMA techniques of medium access in detail. 10
- Q.3 a) Draw and explain GPRS architecture. 10
b) What is frequency Reuse? Explain frequency allocation in GSM. 10
- Section B**
- Q.4 a) Describe context aware computing? What are different context types used in context aware computing. 10
b) Explain various features of mobile database in detail. 10
- Q.5 a) Explain the architecture of palm OS along with its features. 10
b) Describe Linux operating system used for mobile devices. 10
- Q.6 a) Explain security issues and security models used in mobile environment. 10
b) Describe mobile Ad-hoc networks. Discuss characteristics and limitations of it. 10