

FACULTY OF ENGINEERING

B.E. 4/4 (CSE) II-Semester (Old) (Make-up) Examination, August 2012

Subject : **Mobile Computing**

Time : 3 Hours

Max. Marks: 75

Note: Answer **all** questions of Part – A. Answer any **five** questions from Part-B.

PART – A (25 Marks)

1. Write notes on Mobile and Wireless Devices.
2. Briefly discuss about Amplitude shift keying.
3. What is Handover? Discuss briefly.
4. Draw the diagram for Broadcast Transmission.
5. Write short notes on Mobile Quality of Service.
6. What are Piconets? Briefly discuss.
7. What are Mobile Adhoc Networks.
8. What is slow start in Traditional TCP?
9. List three different modes supported MIO-NFS.
10. What is Integrated Browser Environment?

PART – B (5x10=50 Marks)

11. What are the various Applications of Wireless Mobile Communications? Discuss in detail.
12. Explain the System Architecture and Mobile Services of GSM.
- 13.(a) Discuss the protocol Architecture of IEEE 802.11.
(b) Briefly discuss about Bluetooth.
- 14.(a) Explain DHCP.
(b) Explain about Tunneling and Encapsulation in Mobile IP.
15. Discuss in detail about WAP Architecture.
- 16.(a) Explain different multiplexing schemes.
(b) Write notes on Satellite systems and DAB.
17. Discuss about :
(a) Indirect TCP and Snooping TCP.
(b) HIPER LAN
(c) Code File System
