Code No. 2339 / O

FACULTY OF ENGINEERING

B.E. 4/4 (CSE) II-Semester (Old) Examination, April / May 2013

Subject : Mobile Computing

Time : 3 Hours   Max. Marks: 75

Note: Answer all questions of Part - A and answer any five questions from Part-B.

PART – A (25 Marks)

1. Write short notes on signals and Antennas.
2. What is SDMA ? How it is achieved?
3. Define Handover.
4. What is Cyclic representation of Data?
5. What is Infrared transmission?
6. Define Adhoc Netowrks.
7. What is Traditional TCP?
8. Define MANETS. What are its benefits?
9. Give an example for WML script.
10. Write short note on WWW.

PART – B (5x10=50 Marks)

11.(a) Give an introduction to the applications of Mobile computing.
   (b) Write notes on TDMA and DCMA.

12.(a) Explain about DECT.
   (b) Discuss about GSM.

13.(a) Explain about IEEE 802.11.
   (b) Briefly discuss about Bluetooth.

14.(a) Explain about DHCP.
   (b) Discuss about Tradition TCP and Indirect TCP.

15.(a) Explain about MIO-NFS and little work file systems.
   (b) Discuss about WAP and its architecture.

16.(a) Write notes on Frequency Hopping spread spectrum (FHSS).
   (b) Write notes on Digital Audio Broadcasting.

17. Explain about :
   (a) Cellular systems
   (b) HYPER LAN
   (c) Mobile Adhoc Networks and its routing

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