

B. Tech Degree VIII Semester Examination, April 2010

CS/IT 804 (D) MOBILE COMPUTING (2006 Scheme)

Time : 3 Hours

Maximum Marks : 100

PART - A (Answer ALL questions)

(8 x 5 = 40)

- I. (a) Write short note on pervasive computing.
(b) Explain Mobile computing applications.
(c) Write short note on Mobile transport layer.
(d) Briefly explain Mobile IP.
(e) What is Edge?
(f) Explain wireless sensor networks.
(g) Explain Mobile Ad-hoc network security.
(h) Explain SSL for wireless web security.

PART – B

(4 x 15 = 60)

- II. Draw and explain mobile computing architecture with neat diagram.
OR
- III. Explain the operating system used in mobile devices.
- IV. Draw and explain wireless Internet architecture with neat diagram.
OR
- V. Explain wireless application protocol layers.
- VI. Explain mobile Ad-hoc network with neat diagram.
OR
- VII. Explain GPRS system architecture with neat diagram.
- VIII. Explain the client programming tools used for mobile computing.
OR
- IX. Explain VPNs and IPSec.

