

C 60557

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Name

Reg. No.



**EIGHTH SEMESTER B.TECH. (ENGINEERING) DEGREE
EXAMINATION, APRIL 2014**

2009 Scheme

EC 09 803 L 20—MOBILE COMPUTING

Time : Three Hours

Maximum : 70 Marks

Part A

*Answer all questions.
Each question carries 2 marks.*

- I. (a) What type of network signalling is used in VMTS ?
(b) What is meant by mobile number portability
(c) What is the purpose of CCA signal in IEEE 802.11.
(d) What is COA ?
(e) What is the function supported by WTA.

(5 × 2 = 10 marks)

Part B

*Answer four questions.
Each question carries 5 marks.*

- II. (a) Explain about Hand-off ?
(b) Explain about Roaming in IEEE 802.11
(c) Explain the LBR format of Hyperlan.
(d) How routing is carried out in mobile IP ?
(e) How Wireless transaction protocol operates ?
(f) Write a WML deck to select a champion and then call the correct numbers.

(4 × 5 = 20 marks)

- III. (a) Describe the Architecture of GSM.

Or

- (b) Discuss briefly about IS 95.

Turn over

IV. (a) Discuss in detail the features of IEEE 802.11a.

Or

(b) Explain about WiMAX in detail.

V. (a) With suitable example explain the operation of DSDV protocol.

Or

(b) Write briefly about Ad hoc Networking.

VI. (a) Describe in detail about the mobile Internet standard.

Or

(b) Explain about WAP Standard.

(4 × 10 = 40 marks)