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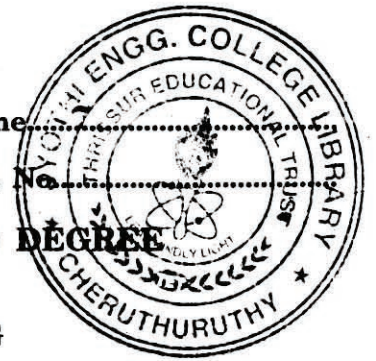
Name

Reg. No

**EIGHTH SEMESTER B.TECH. (ENGINEERING) DEGREE
EXAMINATION, APRIL 2013**

EC/PTEC 09 803 L20—MOBILE COMPUTING

(2009 Admissions)



Time : Three Hours

Maximum : 70 Marks

Part A

1. What are the types of hand-off ?
2. What is the range of communication for Bluetooth ?
3. Name the routing protocols used for wireless network.
4. What is WAP ?
5. What is Cordless controller is DECT ?

(5 × 2 = 10 marks)

Part B

6. Explain about mobile number portability ?
7. Explain about HIPER LAN.
8. Explain the characteristics and features of Ad-hoc Networking.
9. What is WML ? Explain.
10. Differentiate between the features of IEEE 802.11 a and IEEE 802.11 b.
11. Explain about dynamic host configuration.

(4 × 5 = 20 marks)

Part C

12. Describe the architecture of GSM.

Or

13. Discuss briefly about IS 95 CDMA.
14. Describe the architecture of IEEE 802.11.

Or

15. Write briefly about WiMAX IEEE 802.16.
16. Explain the operation of DSR protocol.

Or

17. Discuss about the Mobile IP.
18. Explain the architecture of Mobile Internet Standard.

Or

19. Write briefly a note on WAP Gateway and protocols.

(4 × 10 = 40 marks)