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Register Number:

Name of the Candidate:

P.G DIPLOMA EXAMINATION, December 2014

(MOBILE COMPUTING)

120: MOBILE COMPUTING AND PROTOCOLS

Time: Three hours

Maximum: 100 marks

Answer any FIVE questions

(5 × 20 = 100)

1. a. Explain the protocol architecture of GSM. (12)
b. Give the four handover sceneries in GSM. (8)
2. a. Explain MIPV4 protocol in detail. (12)
b. Compare MIPV4 and MIPV6. (8)
3. With neat diagram describe about WAP-wireless Application Protocol (20)
4. Draw and explain the Bluetooth protocol stack. (20)
5. a. Discuss about the classical enhancements of TCP for mobility (10)
b. List out security issues in Mobile computing. (10)
6. a. How is tunnelling and encapsulation performed in Mobile JP? (10)
b. Write a detailed note on MIPV4 route optimization. (10)
7. Compare and contrast TDMS, FDMA and CDMS techniques. (20)
8. a. Bring out advantages of WIMAX. (10)
b. Write short notes on satellite systems. (10)

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