Total No. of Questions : 8]   [Total No. of Printed Pages : 2

Roll No ....

EC-8003(2) (CBGS)

B.E. VIII Semester

Examination, November 2019

Choice Based Grading System (CBGS)

Mobile Computing

Time : Three Hours

Maximum Marks : 70

Note: i)   Attempt any five questions.

ii) All questions carry equal marks.

1. a) Explain multiple access technique such as SDMA, TDMA, FDMA and CDMA with suitable diagram.   7

   b) What do you understand by Fading? Explain different types of fading in detail.   7

2. a) Draw and explain the GSM system Architecture.   7

   b) Briefly explain: 7

   i)   TETRA

   ii) UMTS

3. a) Discuss the various effects of Mobile radio Propagation.   7

   b) Explain the Architecture of GPRS system with suitable diagram.   7

4. a) Draw and explain the Architecture of 802.11a and 802.11b.   7

   b) Write a note on MAC Management with suitable sketch.   7

5. a) Discuss MAC Sub layer with suitable diagram.   7

   b) What is DHCP? How does DHCP support dynamic address allocation?   7

6. a) Explain the following: 7

   i)   Snooping TCP

   ii) Indirect TCP

   b) What are the characteristics of Ad hoc networks? Discuss its performance issues.   7

7. a) Explain Intrusion detection system. How it works?   7

   b) Discuss Viruses and related threads, Worm and Trojan Horse.   7

8. Write short notes on any Two: 14

   a) Password Management

   b) Mobility Management

   c) HIPER LAN

   d) Wireless Sensor Network

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