Roll No ....

IT-702-GS

B.E. VII Semester
Examination, December 2020
Grading System (GS)
Wireless and Mobile Computing

Time : Three Hours

Maximum Marks : 70

Note: i)   Attempt any five questions.

     ii)   All questions carry equal marks.

1. Explain the architecture of GPRS system. What are the enhancements over GSM?

2. What is DHCP? How does DHCP support dynamic address allocation?

3. a)   Discuss the various effects of mobile radio propagation.

     b)   Compare between SDMA, TDMA, FDMA and DAMA.

4. a)   Draw and explain the GSM network architecture.

     b)   What is antenna? Give its types and their Radiation pattern.

5. a)   What is Ad hoc network? Write the challenges and applications of Ad hoc networks.

     b)   Explain the classification of Ad hoc routing protocols. Explain one from each class.

6. a) What do you mean by intruders? Explain intruder detection and prevention.

   b) Explain the concept of biometric authentication system.

7. a) What do you mean by Fading ? Explain different types of fading.

   b) Write and explain Firewall design principles.

8. Write short notes on any two.

   a) CDMA

   b) World Wide Web

   c) Trojan Horse Defence

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