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

Roll No ....

EC-8011
B.E. VIII Semester
Examination, June 2017
Advanced Data Networks
(Elective-II)
Time : Three Hours
Maximum Marks :70

Note: Attempt any five questions. All questions carry equal marks.

1. a) Explain briefly about wireless network Topologies.

   b) Discuss about radio resources and power management.

2. a) Discuss the principle of GPRs and higher data rates.

   b) Explain the principle of short messaging services in GSM.

3. a) Write briefly on the new interest from military and service providers

   b) Discuss the principle of wireless home networking.

4. a) Discuss about MAC sublayer, and MAC management sublayer.

   b) Discuss wireless geo location system architectures.

[2]

5. a) Discuss the principle of GPS position location system.

   b) Discuss about GPS receiver operation and GPS C/A code accuracy.

6. a) Discuss the performance of passive linear bus architecture and star architecture.

   b) Discuss the principle of Optical Add/Drop Multiplexing (OADM) system.

7. a) Discuss the principle of optical packet switching and optical burst switching.

   b) Discuss the principle working of bragg grating dispersion compensator.

8. Write short notes on any two of the following:

   a) Bluetooth

   b) SONET/SDH

   c) HIPERLAN

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