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

Roll No ....

CS-8303
B.E. VIII Semester
Examination, June 2017
Wireless Network
(Elective - III)
Time : Three Hours

Maximum Marks : 70

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

1. a) Discuss the principle of Radio propagation mechanism.
   b) Discuss about the effects of multi path and Doppler.

2. a) Discuss about the path loss modelling and signal coverage.
   b) Discuss briefly about channel measurement and modelling techniques.

3. a) Discuss about wireless network topologies.
   b) Explain how to plan a network for CDMA systems.

4. a) Explain the principle of OFDM.
   b) With the help of block diagram explain the principle of QPSK system.

5. a) Explain the working of data oriented CDPD Network.
   b) Discuss the principle of GPRS.

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6. a) Discuss the technologies used for Home Area Network (HAN).
   b) Discuss the principle working of wireless LAN.

7. a) Discuss the principle working of Bluetooth and its interference between 802.11
   b) Write briefly about Adhoc networks.

8. Write short notes on any two of the following:
   a) SMS in GSM
   b) SDMA
   c) IEEE 802.15

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