www.a2zsubjects.com www.a2zsubjects.com

BE- sem-VIII (old) ExTc – Wireless N/w
Wireless Networks 16/12/16

QP Code : 629702

(3 Hours) **[Total Marks : 100**

N.B.: (1) Question No.1 is compulsory
(2) Attempt any four questions from remaining Q. Nos. 2 to 7.
(3) Draw neat sketches wherever required.
(4) Assume suitable data if required.

1. (a) Define roles of two new network entities in GPRS 5
(b) Discuss the role of LTE systems 5
(c) What is CDMA? 5
(d) Draw wireless sensor network layered architecture. 5

2. (a) Discuss QoS attributes used in UMTS. 10

(b) Compare all versions of IEEE802.11WLAN. 10

3. (a) Discuss WAP architecture 10

(b) Explain Bluetooth protocol stack? 10

4. (a) Explain evolution of IS-95 in details 10

(b)How power control is used in CDMA and WCDMA 10

5.(a) What is IEEE 802.11b (Wi-Fi)? Discuss exponential backoff algorithm used in WLAN 10

(b) Explain role of GPRS in GSM 10

6. (a) What is UWB? Explain it in details. 10

(b) What is ZigBee technology? Discuss briefly 10

7. Write short notes on : 20
(a) RFID
(b) Link budget analysis
(c) HSDPA

******

148

www.a2zsubjects.com www.a2zsubjects.com