F 4520

Reg. No.....................................

Name.......................................

B.TECH. DEGREE EXAMINATION, NOVEMBER 2015

Eighth Semester

Branch—Information Technology

IT 010 801—WIRELESS COMMUNICATION (IT)

(New Scheme—2010 Admission Onwards)

[Supplementary]

Time : Three Hours   Maximum : 100 Marks

Part A

Answer all questions.
Each question carries 3 marks.

1. What is spreading codes ?

2. Write a note on protocol stack.

3. What is the use of gateway location register ?

4. List service categories of 3G.

5. What are the enhancements in 4G ?

(5 × 3 = 15 marks)

Part B

Answer all questions.
Each question carries 5 marks.

6. Explain scrambling codes.

7. Explain radio link control.

8. Explain characteristics of core network.

9. Explain QoS classes.

10. Write a note on WLL products.

(5 × 5 = 25 marks)

Part C

Each question carries 12 marks.

11. Explain the physical layer of wideband CDMA air interface.

Or

12. Explain frequency and time synchronization.

Turn over