D 50840

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

Reg. No. . . . .

FIFTH SEMESTER B.C.A. DEGREE EXAMINATION, NOVEMBER 2013

(UG – CCSS)

Core Course

CA 5B 07—DATA COMMUNICATION AND MOBILE COMPATING

Time : Three Hours

Maximum : 30 Weightage

Section I

*Answer **all** questions.*

1. What is MAN?

2. Write name of any *one* communication schemes.

3. Expand the term GPRS.

4. XML is ————

5. What is modem ?

6. What is VAN ?

7. Write full form of DPCM.

8. What is PCM ?

9. What is TDM in communication ?

10. FTP is ————

11. What CDMA in communication ?

12. Expand the term PSK.

(12 x   = 3 weightage)

Section II

*Answer **all** nine questions.*

13. What is meant by circuit switching ?

14. What is ATM ?

15. Which is the lowest layer in OSI model ?

16. What is SAP ?

17. Expand them DARPA.

18. What is TCP segment ?

19. What is Subnetorks ?

Turn over

20.   **What is SMTP?**

21.   **Define the term half-duplex.**

(**9 x 1 = 9** weightage)

Section III

Answer any **five** *questions.*

22.   **Explain various transmission media in communication.**

23.   **What is meant by Frequency division?**

24.   **Explain briefly TDM.**

25.   **Write a note on Synchronous Time division Multiplexers.**

26.   **Define Protocol.**

27.   **Explain briefly Statistical Time division Multiplexers.**

28.   **Write a note on GPRS.**

(**5 x 2 = 10** weightage)

Section D

Answer any **two** *questions.*

29.   **Explain the application of GPRS and limitations of GPRS.**

30.   **Explain 3 tier mobile computing architecture in detail.**

31.   **What are the differences among anlge modulation, PM and FM?**

(**2 x 4 = 8** weightage)