

D 50840

(Pages 2)

Name.....

Reg. No.....

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

(UG – CCSS)

Core Course

CA 5B 07—DATA COMMUNICATION AND MOBILE COMPUTING

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 Subnetworks ?

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 angle modulation, PM and FM ?

(2 x 4 = 8 weightage)