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Name

Reg. No.

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

(UG – CCSS)

Core Course

CA 5B 09—COMPUTER NETWORKS

Time : Three Hours

Maximum : 30 Weightage

I. Answer all *twelve* questions :

- 1 Name any on netwow topology.**
- 2 . Physical layer is the _____ layer of OSI model.**
- 3 FDDI stands for _____**
- 4 Expansion of CSMA/CD is_____**
- 5 Bridges are used for _____**
- 6 TCP/IIP stands for _____**
- 7 Expansion of DNS is ._____**
- 8 Encryption comes in ._____ layer.**
- 9 Expansion of IEEE is _____**
- 10 MD5 stands for _____**
- 11 PGP stands for _____**
- 12 Firewalls can be used for _____**

(12 x = 3 weightage)

II. Answer all *nine* questions :

- 13 What are the functions of physical layer ?**
- 14 Describe the uses of Switches.**
- 15 Describe about IEEE 802.5.**
- 16 What is SONET ?**
- 17 What are the uses of routers ?**
- 18 Describe about UDP.**
- 19 What are gateways ?**

Turn over

20 Name any routing algorithm.

21 In which layer http is discussed ?

(9 x 1 = 9 weightage)

III. Answer *five* questions from 7 :

22 Discuss in detail about the modern.

23 Discuss about CSMA/CD.

24 Describe about Sliding window protocol.

25 What are the functions of network layer ?

26 Discuss about internetworking.

27 Write notes on FTP.

28 Write note on ciphers.

(5 x 2 = 10 weightage)

IV. Answer any *two* questions :

29 Describe any *one* congestion control algorithm in detail.

30 Describe in detail about the different network topologies.

31 Describe in detail about the working of public/private key encryption.

(2 x 4 = 8 weightage)