

D91053

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Name.....

Reg. No.....

FIFTH SEMESTER B.C.A. DEGREE EXAMINATION, NOVEMBER 2015

(U.G.—CCSS)

Core Course

CA 5B 09—COMPUTER NETWORKS

Time : Three Hours

Maximum : 30 Weightage

I. Answer All *twelve* questions.

1 Define the term LAN.

2 **HTTP** means _____

3 What is DNS?

4 What is **SONET** ?

5 Expand the term IEEE.

6 What is **FDDI** ?

7 What is **FTP** ?

8 What is **OSI** model ?

9 What is **middleware**

10 What is **UDP** ?

11 **SMTP** is used for _____

12 Expand the term ATM.

(12 x ¼ = 3 weightage)

II. Answer all *nine* questions.

13 What are the three kinds of transmission media ?

14 What is bandwidth in communication ?

15 Define frequency of a signal.

16 What is **CDMA** ?

17 What is the use of Hub in networks ?

18 What is TCP/IP/.

19 What you mean by security attack ?

20 List out type of active security attack.

21 What is **DES** ?

(9 x 1 = 9 weightage)

Turn over

III. Answer *five* questions from seven.

22 Explain encryption.

23 Write a note on presentation layer.

24 Explain ALOHA algorithm.

25 Explain routing algorithm.

26 Write a note on transportation layer.

27 What are the **TCP-UDP** performance issues ?

28 What is Cryptography ?

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

IV. Answer *two* questions from three.

29 Explain **OSI** Model in detail

30 Write note on Public key and Private and how it used in security ?

31 Describe congestion algorithms.

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