(Pages : 2)

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

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

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2014

(UG-CCSS)

Complementary Course—Computer Science

CS 3C 03—FUNDAMENTALS OF SYSTEM SOFTWARE, NETWORK AND DBMS

Time : Three Hours

Maximum : 30 Weightage

I. Answer *all* questions :

1 ———— means collection of programs, to enhance the capabilities of the hardware.

2 ———— is an interface between user and the system.

3 ———— is an example for application software.

4 ———— is an example for multipoint topology

5 ———— is a cable that accepts and transports signals in the form of light.

6 ———— propagation, very high-frequency signals are transmitted in straight lines directly from antenna to antenna.

7 The most common UTP connector is ————.

8 The ———— is used to define the structure of a database.

9 ———— command is used to delete a table.

10 The ———— helps the browser to display a horizontal line In HTML document.

11 ———— is the space between the cell border and the cell contents and is specified in pixels.

12 ———— element defines a graphic image on the page.

(12 × ¼ = 3 weightage)

II. Answer *all* nine questions :

13 Explain time sharing.

14 What is a complier ?

15 What is meant by topology ?

16 What is meant by transmission media ?

17 What is meant by record ?

18 What is meant by relationships ?

19 Define the syntax of INSERT command.

20 What is a web browser ?

21 What is the use of <Title> element ?

(9 × 1 = 9 weightage)

Turn over

III. Answer any *five* questions :

22 Explain different language processors.

23 Differentiate batch processing and multiprogramming.

24 Explain microwave.

25 Explain the relational model with example.

26 Explain the DML language.

27 Describe different type of list elements.

28 Explain the structure of HTML.

(5 × 2 = 10 weig

IV. Answer any *two* questions :

29 Explain in detail about different classification of programming language.

30 Explain the OSI model in detail.

31 Prepare site of your college having student details staff details, management details. contain all elements like List, Table, Linking etc.

(2 × 4 = 8 wei