C 41841

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

Reg. No. . . . .

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL/MAY 2013

(CCSS)

Microbiology

MB 2C 07 C—LANGUAGE-DATA BASE MANAGEMENT SYSTEM AND SQL

Time : Three Hours

Maximum : 30 Weightage

I. Answer all *twelve* questions :

1 Which of the following is not a keyword in C

    (a) IF.

    (b) printf.

    (c) main.

    (d) auto.

2 A string is terminated by ———— character.

    (a) Zero.

    (b) newline.

    (c) null.

    (d) none of these.

3 ———— section in C program consist of set of comment lines.

    (a) Link section.

    (b) documentation section.

    (c) definition section.

    (d) main function section.

4 Trie array int num[3] [4] can store ———— elements.

    (a) 12.

    (b) 7.

    (c) 11.

    (d) 10.

5 ———— users interact with the system without writing programs.

    (a) Sophisticated users.

    (b) Specialized users.

    (c) Application programmers.

    (d) None of these.

6 Π denote

    (a) Select operation.

    (b) project operation.

    (c) union operation.

    (d) Rename operation.

7 ———— the place where the program execution begin in C.

8 ———— is the data type name that may used to store data values.

9 ———— is used to store dissimilar elements.

10 Data about data is

Turn over

11 In relational algebra a row in a table is called ———————

12 The keyword which avoids duplication of column values, during selection operation is
——————

(12 x ¼ = 3 **weightage**)

II. Short Answer type questions. Answer all *nine* questions :

13 Define algorithm.

14 What is recursive function ?

15 Name different loops used in C.

16 Write syntax of switch statement.

17 Define static variable.

18 Define Entity.

19 What is meta data ?

20 Define field and record.

21 Define primary key.

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

III. Short essay *or* Paragraph questions. Answer any *five* questions :

22 Write a note about array.

23 What is the difference between structure and union ?

24 Explain about fundamental data types in C.

25 Write a note about pointer.

26 What are the responsibilities of Database Administrator' ?

27 Distinguish between DML and DDL statements.

28 Explain about different aggregate functions.

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

IV. Essay questions. Answer any *two* questions :

29 Write a note about different operators used in C program.

30 Explain about different data models with suitable example.

31 What is normal forms ? Explain about different normal forms ?

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