Reg. No. : ....

Name : ....

IV Semester B.Com. Degree (CCSS-Reg./Supple./Improv.) Examination, May 2014
CORE COURSE IN COMMERCE – D – COMPUTER APPLICATIONS
(Optional)
4B08 COM – Database Management System and Internet Programming
(2012 Admn.)

Time : 2 Hours   Max. Weightage : 20

PART – A

Answer **all** the questions.

This Part consist of **two** bunches of questions carrying **equal** weightage of **one**.
Each bunch consists of **four** objective type questions. Answer **all** questions.

I. 1) In an ER diagram attributes are represented by

    a) Rectangle   b) Square

    c) Triangle   d) Ellipse

2) A set of one or more attributes that can uniquely identify a tuple within the relation.

    a) Foreign key   b) Primary key

    c) Alternate key   d) Super key

3) Availability of data at different places is known as

    a) Data independence

    b) Data integrity

    c) Data security

    d) Data redundancy

4) The network of networks called _____

    a) WWW   b) URL

    c) WAN   d) Internet   (W=1)

II. 5) An entity set that does not have sufficient attributes to form a primary key is

    a _____

    a) Strong entity set   b) Weak entity set

    c) Simple entity set   d) Primary entity set

6) The overall design of the database is called the _____

    a) Database schema   b) Data security

    c) DDL   d) None of these

7)
 tag is used to

    a) Break the line   b) Break the paragraph

    c) Draw border   d) Give colour

8) When frames are created which of the tag should be avoided ?

    a) <title>   b) <head>

    c) <body>   d) <html>   **(W=1)**

PART – B

Answer **any six** questions in **one** or **two** sentences **each. Each** question carries a weightage of **one**.

9. Define DBMS.

10. What is cardinality ?

11. What is relational algebra ?

12. What is SQL ?

13. What is ER diagram ?

14. What is candidate key ?

15. What is action buttons ?

16. What is the use of UPDATE command ?   **(W=6×1=6)**

PART – C

Answer **any four** questions. Answer not to exceed **one** page **each**. **Each** question carries a weightage of **two**.

17. What are data models ?

18. Explain the uses of internet.

19. Explain the different models of e-commerce.

20. Write a note on first and second normal forms.

21. Explain briefly about the form elements.

22. Write a program in HTML to display "Festival Greetings". (W=4×2=8)

PART – D

Answer **any one**. **Each** question carries a weightage of **four**.

23. What is the use of Frame ? Explain the steps in creating frames.

24. Explain the features and advantages of e-commerce. (W=1×4=4)

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