



M 8489

Reg. No. :

Name :

IV Semester B.Com. Degree (CCSS – Reg./Supple./Imp.)
Examination, May 2015
CORE COURSE IN COMMERCE (Optional)
4B08COM : Database Management Systems and
Internet Programming (D. Computer Application)
(2012 Admn. Onwards)

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.

- I. 1) Related fields in a database are grouped to form a _____
a) Data file b) Data record c) Menu d) Bank
- 2) In an ER diagram attributes are represented by
a) Rectangle b) Square c) Triangle d) Ellipse
- 3) Relational Algebra is
a) Data Definition Language b) Meta Language
c) Procedural query Language d) None of these
- 4) 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 (W=1)
- II. 5) In SQL, the data type for text is _____
a) Char b) DEC c) Date d) Time
- 6) Which of the following provide internet connectivity ?
a) Search engine b) ISP
c) Search engine d) WWW
- 7) When frames are created which of the tag should be avoided ?
a) <title> b) <head> c) <body> d) <html>
- 8) In a hierarchical model, records are organized as
a) Graph b) List c) Links d) Tree (W=1)

P.T.O.



PART - B

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

9. What is database ?
10. What is cardinality ?
11. What is ER diagram ?
12. What is WWW ?
13. What is Action buttons ?
14. What is the use of <frameset> tag ?
15. What is the use of UPDATE command ?
16. What is e-mail ?

(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 is normalisation ? Explain first, second and third normal forms.
18. What is relational algebra ?
19. Explain the different data models.
20. Explain the uses of internet.
21. SQL provides some constraints to be used when a table is created. Explain each of them.
22. Explain the features of e-commerce.

(W=4×2=8)

PART - D

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

23. Briefly explain the various SQL statements.
24. What is the use of Frame ? Explain the steps in creating Frames.

(W=1×4=4)