1214

B.A.(Prog.)/II   C

Paper II : COMPUTER APPLICATION

(Database and Internet Technologies)

(Admissions of 2004 onwards)

Time : 3 Hours   *Maximum Marks* : 45

(Write your Roll No. on the top immediately on receipt of this question paper.)

Q. No. 1 (Part 'A') is compulsory.

Attempt any *three* questions from Part 'B' (Q. No. 2 to Q. No. 6)

PART–A

1.   (*a*)   Differentiate between client server network and peer-to-

peer network.   3

(*b*)   Explain the structure of URL.   2

(*c*)   Define the following :   4

(*i*)   Relationship

(*ii*)   Data Dictionary.

(*d*)   State the limitations of using frame.   2

P.T.O.

(e) Which HTML tag is used for creating a table ? Give the syntax and example. 4

PART–B

2. (a) How do search engines help users in browsing information ? Explain its components. 3

   (b) Differentiate between Analog and Digital signal. 4

   (c) Give advantages and disadvantages of Tree topology. 3

3. (a) Explain the components of DBMS. 3

   (b) What is normalization ? Explain its *three* normal forms. 4

   (c) Differentiate between DDL and DML. 3

4. (a) Write down the SQL queries for the given table of a database. 4

   Student (Rollno, Name, Course_name, Batch,address)

(i) Find Rollno, Name for all students who are enrolled in course "BA CA".

(ii) Display the data of table Student in Descending order of their names.

(iii) Delete all the records of the table.

(iv) Change the Course name to "BA-CA-II" of the student with Rollno 110.

(b) Differentiate between Primary Key and Secondary Key. 2

(c) Write a short note on centralized Database. 4

5. (a) What do you mean by anchor ? How is it used to link the two files ? 4

(b) Write a HTML code to generate the following : 4

Names of Courses

1. Calculus-I

2. Economics

   - Macro Economics

   - Micro Economics

3. Technical Writing

4. Computer Application

- Fundamentals of Computers

- Operating Systems

(c) What is the purpose of Get method in an HTML form ? 2

6. (a) Write a Java script to read n numbers. Display the sum of the numbers. 4

(b) Differentiate between function and method in Java Script with example. 3

(c) Explain the following functions : 3

(i) ceil

(ii) abs