SET - 1

BACHELOR OF COMPUTER APPLICATIONS

Term-End Practical Examination

December, 2012

03625

BCSL-034 : DATA BASE MANAGEMENT SYSTEM LAB

Time allowed : 1 hour　　　　　　　　　　　*Maximum Marks : 50*

Note :　　*There are **two** questions in this paper carrying **20** marks each. **10** marks are for viva - voce.*

1.　Create a table named Book with following fields :　　**20**

(ISBN, TITLE, AUTHOR (s), PUBLISHER, NO. OF AUTHORS, YEAR, VOLUME, PRICE, NO. OF PAGES)

Select appropriate datatypes for each of the field. Identify ISBN as PRIMARY KEY.

2.　Enter at least 10 records for the above table given in Q1 and answer the following　**20**
queries using SQL :

(a)　To display all the books published in the year 2011.

(b)　Select all the books of Volume - II

(c)　Display all the books published in the year 2010 and whose price is greater than or equal to Rs. 500/-

(d)　Display the ISBN of a selected book, if the title is given by the user.

(e)　Display all the books which were written by 2 or more authors.

SET - 2

BACHELOR OF COMPUTER APPLICATIONS

Term-End Practical Examination

December, 2012   01545

BCSL-034 : DATA BASE MANAGEMENT SYSTEM LAB

Time allowed : 1 hour   Maximum Marks : 50

Note :   *There are **two** questions in this paper carrying **20** marks each. **10** marks are for viva - voce.*

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1.   Create a table named SALARY - DETAILS with following fields :   20

   (ENAME, ENO, DEPT, BRANCH, BASIC, HRA, DEDUCTIONS, TAX, DATE-OF-JOIN)
   Select appropriate datatypes for each of the field. Identify ENO as PRIMARY KEY.

2.   Enter atleast 10 records for the above table given in Q1 and answer the following   20
   queries using SQL :

   (a)   Find the average of BASIC pay from the table.

   (b)   Determine the maximum and minimum of deductions from the above table.

   (c)   Sort all the records as per their BASIC pay in ascending order.

   (d)   Sort all the records as per the DATE-OF-JOIN.

   (e)   Display all the records whose ENAME starts with "s".

BACHELOR OF COMPUTER APPLICATIONS

Term-End Practical Examination

December, 2012

00605

BCSL-034 : DATA BASE MANAGEMENT SYSTEM LAB

Time allowed : 1 hour

Maximum Marks : 50

Note :   *There are **two** questions in this paper carrying **20** marks each. **10** marks are for viva - voce.*

1.   Create a table named CONTACT with following fields.   20

   (SNAME, ENROLNO, SEMESTER, BRANCH-OF-ENGINEERING, ADDRESS 1, ADDRESS 2, CITY, STATE, MOBILE, EMAIL ADDRESS, PIN-CODE)

   Select appropriate datatypes for each of the field. Identify ENROLNO as PRIMARY KEY.

2.   Enter atleast 10 records for the above table given in Q1 and answer the following   20
   queries using SQL :

   (a)   Display all the records which doesn't have the mobile - nos.

   (b)   Sort all the records as per SNAME chronologically.

   (c)   Display all the records who are in 3rd semester of computer science branch.

   (d)   Display all the records whose CITY is given by the user.

   (e)   Display SNAME and EMAIL ADDRESS of all the records whose SNAME starts with "A".

BACHELOR OF COMPUTER APPLICATIONS

Term-End Practical Examination

December, 2012   01875

BCSL-034 : DATA BASE MANAGEMENT SYSTEM LAB

Time allowed : 1 hour   Maximum Marks : 50

Note :   *There are* **two** *questions in this paper carrying 20 marks each.* **10** *marks are for viva - voce.*

1.   Create a table DEPENDENT with following fields.   **20**

(ENO, DEPENDENT NAME, SEX, DATE - OF - BIRTH, AGE' RELATIONSHIP)

Select appropriate datatypes for each of the field. Identify ENO as PRIMARY KEY.

2.   Enter atleast 10 records for the above table given in Q1 and answer the following   **20** queries using SQL :

(a)   List all the records DEPENDENT'S NAME, SEX, RELATIONSHIP of ENO = '123'.

(b)   List all the records by sorting in ascending order of ENO.

(c)   List all the records whose SEX = 'm'.

(d)   List all the records consisting of ENO, DEPENDENT NAME whose RELATIONSHIP = 'WIFE'.

(e)   List all the records consisting of ENO, DEPENDENT NAME whose AGE > 60 years.