Roll No.1   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

SUPPLIER (Sno, Sname, address, City

PARTS (Pno, Pname, Color, Weight, price) PROJECT (Jno, Jname, City)

SPJ (Sno, Pno, Jno, Qty)

Integrity Constraints:

- The values of any attributes should not be null.
- Legal cities are London, Paris, Rome, New York and Amsterdam.
- Supplier Number must start with 'S' followed by a decimal integer in the range of 0 to 9999.

Queries:

a) Find all the projects which are provided 3 or more parts.
b) Find full details of all projects in London.

c) Find all the projects which are provided 2 or more parts.
d) Find full details of all projects in Paris .

Roll No.2   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did)
ADMITTEDPATIENT (Pcode, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:

- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than

Queries:

a) Find the details of patient who are admitted within the period 03/03/08 to 25/ 03/08.
b) Find the names of doctors who are treating TB patients.
c) Find the details of the doctors who are treating the patients of ward no 3 & display the result along with patient name & disease.
d) Find the name of the disease by which maximum patients are suffering.

Roll No.3   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    - I) Queries and their output.
    - 2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

PRODUCT (Maker, Modelno, Type)
PC (Modelno, Speed, RAM, HD, CD, Price)
LAPTOP (Modelno, Speed, RAM, HD, Price)
PRINTER (Modelno, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer)

Queries:

a) Find PC models having a speed of at least 150 MHz.
b) Find those manufacturers that sell Laptops, but not PC's
c) Find the different types of printers produced by Epson.
d) Find those hard disk sizes which occur in two or more PC's.

Roll No.4   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did) ADMITTEDPATIENT (P_code, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:

- The values of any attributes should not be null.
- Gender value should be M (male) or F (female).
- Wardno should be less than 6.

Queries:

a) Find the details of doctors who are treating the patient of ward no 3.

b) Find the details of patient who are discharged within the period 03/03/12 to 25/03/12
c. Find the details of the doctors who are treating the patients of ward no 3 & display the result along with patient name & disease.
d. Find the name of the disease by which maximum patients are suffering.

Roll No.5   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records iP the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
     I) Queries and their output.
     2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did) ADMITTEDPATIENT (P_code, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:
- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than 6.

Queries:
   a) Find the details of the doctors who are treating the patients of ward no 3 & display the result along with patient name & disease.
   b) Find the name of the disease by which maximum patients are suffering.
   c) Find the details of doctors who are treating the patient of ward no 3.
   d) Find the details of patient who are discharged within the period 03/03/12 to 25/03/12

Roll No.6   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    1) Queries and their output.
    2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least l 0 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pnarne, Padd, age, gender, bloodgroup, Did) ADMITTEDPATIENT (Pcode, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:

- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than 6.

Queries:

a) Find details of the patients who are treated by M.B.B.S. doctors.
b) Find the details of patient who is suffered from blood cancer having age less than 50 years & blood group is A.
c) Find the name of doctor who is treating maximum number of patients.

d)   Find the details of patient who are admitted within the period 03/03/08 to 25/ 03/08.

Roll No.7   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    1) Queries and their output.
    2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did) ADMITTEDPATIENT (Pcode, Entry date, Discharge date. wardno, disease)

Integrity Constraints:
- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than 6.

Queries:
- a) Find details of the patients who are treated by M.S. doctors.
- b) Find the name of doctor who is treating maximum number of patients.
- **c**. Find the details of patient who is suffered from blood cancer having age less than 50 years & blood group is A.
- **D**. Find the details of patient who are admitted within the period 03/03/08 to 25/ 03/08.

Roll No.8   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before tilling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    1) Queries and their output.
    2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open_date. acctype, balance)
TRANSACTION (trans_id, trans date, accno, trans_type, amount) CUSTOMER (cust_id, name, address, accno)

Integrity Constraints:

- The values of any attributes should not be null.
- acctype value should be P(Personal) or J(Joint).
- Accno should be less than 3 digits.
- Trans type should be C(Credit) or D(Debit)

Queries:

   a. Find the details of customers whose minimum balance is 1 lakhs.
   b. Find the details of amount credited within the period 25-3-2012 to 28-3- 2012
   c. Find the details of customers who have personal accounts & balance is less than 2 lakhs.
   d. Find the details of customers who have joint accounts.

Roll No.9   **Max marks: 40**

Instructions:
- Read the slip carefully.
- .Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of
    1) Queries and their output..
    2) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open_date, acctype, balance)
TRANSACTION (trans id, trans_date, accno, trans_type, amount) CUSTOMER (cust_id, name, address, accno)

Integrity Constraints:
- The values of any attributes should not be null.
- acctype value should be P(Personal) or J(Joint).
- Accno should be less than 3 digits.
- Trans_type should be C(Credit) Or D(Debit)

Queries:
a) Find the details of customers who have personal accounts & balance is less than 2 lakhs.
b) Find the details of customers who have joint accounts.
c) Find the details of customers whose minimum balance is 1 lakhs.
d) Find the details of amount credited within the period 25-3-2012 to 28-3- 2012

Lab on DBMS

Roll No.10   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
  1) Queries and their output.
  2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open_date, acctype, balance)

TRANSACTION (trans_id, trans_date, accno, trans_type, amount) CUSTOMER (cust_id, name, address, accno) _____   ____

Integrity Constraints:
- The values of any attributes should not be null.
- acctype value should be P(Personal) or Moira):
- Accno should be less than 3 digits.
- Transtype should be C(Credit) or D(Debit)

Queries:
   a) Find the details of all transactions performed on account number 101. Also specify the name/names of cutomers who owns that account.
   b) Find the details of amount credited within the period 15 -3-2012 to 18 -3 -2012.

   c) Find the details of customers who have opened the accounts within the period 25-3-2012 to 28-3-2012.
   d) Find the details of customers who have joint accounts & balance is less than 2 lakhs.

Institute of Management Research & Development

Lab on DBMS

Roll No.11   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately ᵍo that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    - I) Queries and their output.
    - 2) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Creat database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open date, acctype, bal)

TRANSACTION (trans_id, trans_ date, accno, trans_type, amount)

CUSTOMER (cust_id, name, address, accno)

Integrity Constraints:

- The values of any attributes should not be null.

- acctype value should be P(Personal) or Moira).
- Accno should be less than 3 digits.
- Trans_type should be C(Credit) or D(Debit)

Queries:

a)   Find the details of customers who have opened the accounts within the period 25-3-2012 to 28-3-2012.

b)   Find the details of customers who have joint accounts & balance is less than 2 lakhs.

c) Find the details of all transactions performed on account number 101. Also specify the name/names of cutomers who owns that account.

d) Find the details of amount credited within the period 15 -3-2012 to 18 -3 -2012.

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Lab on DBMS

Roll No.12   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    1) Queries and their output.
    2) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

BOOKMASTER (bid, title, author, price)
STUDENTMASTER (stud_enrollno, sname, class, dept)
ACCESSIONTABLE (bid, accession_no, avail)
ISSUETABLE(issueid, accession_no, stud_enrollno, issuedate, duedate, ret_date, bid)

Integrity Constraints:
- The values of any attributes should not be null.
- Avail should be T (if book is not issue) or F (if book is issue)

Queries:
   a) Find the name of books which is issued maximum times.
   b) Find the detail information of books that are issued by computer department students.
   c) Create a view that display all the accession information for a book having bid = 100
   d) Find the information of books issued by MCA students.

Lab on DBMS

Roll No.13   **Max marks: 40**

Instructions:

- Read the slip carefully.
  - Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
  1) Queries and their output.
  2) Code if written by you for generating report, input form·, trigger, assertion,cursor ,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

BOOKMASTER (<u>bid</u>, title, author, price)
STUDENTMASTER (<u>stud_enrollno</u>, sname, class, dept)
ACCESSIONTABLE (<u>bid</u>, accession_no, avail)
ISSUETABLE(<u>issueid</u>, <u><u>accession_no</u></u>, <u><u>stud_enrollno</u></u>, issuedate, duedate, ret_date, <u>bid</u>)

Integrity Constraints:

- The values of any attributes should not be null.
- Avail should be T (if book is not issue) or 1' (if book is issue)

Queries:

- a) Find the detail information of the students who have issued books Between two given dates.
- b) Create a view that display all the accession information for a book having bid = 100
- c) Find the information of books issued by MCA students.
- d) Find the name of books which is issued maximum times.

Lab on DBMS

Roll No.14   **Max marks: 40**

Instructions:
- **Read** the slip carefully.
- Read the Schemas carefully before tilling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    1) Queries and their output.
    2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records for each, table).

BOOKMASTER (bid, title, author, price)
STUDENTMASTER (stud_enrollno, sname, class, dept)
ACCESSIONTABLE (bid, accession_no, avail)
ISSUETABLE(issueid, accession_no, stud_enrollno, issuedate, duedate, ret_date, bid)

Integrity Constraints:
- The values of any attributes should not be null.
- Avail should be T (if book is not issue) or F (if book i8 issue)

Queries:
- a) Find the number of books issued by each student.
- b) Find the number of books available in the library & written by "Henry Korth".
- c) Find the detail information of the students who have issued books Between two given dates.
- d) Create a view that display all the accession information for a book having bid = 100

Lab on DBMS

Roll No.15   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the
  records appropriately so that mentioned queries can be .executed.
- The underline attributes is primary key &·double underline attributes are foreign keys.
- Take Printout of:
  1) Queries and their output.
  2) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (<u>accno,</u> open date, acctype, bal)
TRANSACTION (<u>trans_id</u>, trans_ date, <u>accno</u>, trans_type, amount)
CUSTOMER (<u>cust_id</u>, name, address, <u>accno</u>)

Integrity Constraints:
- The values of any attributes should not be null.
- acctype value should be P(Personal) or J(Joint).
- Accno should be less than 3 digits.
- Trans_type should be C(Credit) or D(Debit)

Queries:
a) Find the details of customers who have opened the accounts within the period 25-3-2006 to 28-3-2006.
b) Find the details of customers who have joint accounts & balance is less than 2 lakhs.
c) Find the details of customers who have opened the accounts within the period 21-3-2006 to 24-3-2006.
d) Find the details of customers who have Personal accounts & balance is less than 3 lakhs.

Lab on DBMS

Roll No.16   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
  1) Queries and their output.
  2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

> PRODUCT (Maker, <u>Modelno</u>, Type)
> PC (<u>Modelno</u>, Speed, RAM, HD, CD, Price)
> LAPTOP (<u>Modelno</u>, Speed, RAM, HD, Price)
> PRINTER (<u>Modelno</u>, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer)

Queries:

a) Find the manufacturers of color printers.
b) Find the laptops whose speed is slower than that of any PC.
c) Find the different types of printers produced by Epson.
d) Find those hard disk sizes which occur in two or more PC's.

Lab on DBMS

Roll No.17   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
  I) Queries and their output.
  2) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL.(Fill up database with at least 10 records in each table).

PRODUCT (Maker, Modelno, Type)
PC (Modelno, Speed, RAM, HD, CD, Price)
LAPTOP (Modelno, Speed, RAM, HD, Price)
PRINTER (Modelno, Color, Type, Price)

Integrity Constraints:
- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer)

Queries:
a) Find the manufacturers of color printers.
b) Find the laptops whose speed is slower than that of any PC.
c) Find the different types of printers produced by Epson.
d) Find those hard disk sizes which occur in two or more PC's.

Institute of Management Research & Development

Lab on DBMS

Roll No.18   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    1) Queries and their output.
    2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

    PRODUCT (Maker, Modelno, Type)
    PC (Modelno, Speed, RAM, HD, CD, Price)
    LAPTOP (Modelno, Speed, RAM, HD, Price)
    PRINTER (Modelno, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer).

Queries:

a) Find the manufacturers of color printers.

b) Find the laptops whose speed is slower than that of any PC.
c) Find the different types of printers produced by Epson.
d) Find those hard disk sizes which occur in two or more PC's.

Lab on DBMS

Roll No.19   **Max marks: 40**

Instructions:

- Read the slip carefully.

- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.

- The underline attributes is primary key & double underline attributes are foreign keys.
  - Take Printout of:
    1. Queries and their output.
    2. Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

PRODUCT (Maker, Modelno, Type)
PC (Modelno, Speed, RAM, HD, CD, Price)
LAPTOP (Modelno, Speed, RAM, HD, Price)
PRINTER (Modelno, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer)

Queries:

a) Find the different types of printers produced by Epson.
b) Find those hard disk sizes which occur in two or more PC's.
c) Find the manufacturers of color printers.
d) Find the laptops whose speed is slower than that of any PC.

Roll No.20   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did)
ADMITTEDPATIENT (Pcode, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:

- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than

Queries:

- e) Find the details of patient who are admitted within the period 03/03/08 to 25/ 03/08.
- f) Find the names of doctors who are treating TB patients.
- g) Find the details of the doctors who are treating the patients of ward no 3 & display the result along with patient name & disease.
- h) Find the name of the disease by which maximum patients are suffering.

Roll No.21   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

SUPPLIER (Sno, Sname, address, City

PARTS (Pno, Pname, Color, Weight, price) PROJECT (Jno, Jname, City)

SPJ (Sno, Pno, Jno, Qty)

Integrity Constraints:
- The values of any attributes should not be null.
- Legal cities are London, Paris, Rome, New York and Amsterdam.
- Supplier Number must start with 'S' followed by a decimal integer in the range of 0 to 9999.

Queries:
- e) Find all the projects which are provided 3 or more parts.
- f) Find full details of all projects in London.

- g) Find all the projects which are provided 2 or more parts.
- h) Find full details of all projects in Paris .

Institute of Management Research & Development
Lab on DBMS

Roll No.22   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did)
ADMITTEDPATIENT (Pcode, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:

- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than

Queries:

i) Find the details of patient who are admitted within the period 03/03/08 to 25/ 03/08.
j) Find the names of doctors who are treating TB patients.
k) Find the details of the doctors who are treating the patients of ward no 3 & display the result along with patient name & disease.
l) Find the name of the disease by which maximum patients are suffering.

Roll No.23   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    I) Queries and their output.
    2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).
 PRODUCT (Maker, Modelno, Type)
 PC (Modelno, Speed, RAM, HD, CD, Price)
 LAPTOP (Modelno, Speed, RAM, HD, Price)
 PRINTER (Modelno, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer)

Queries:

e) Find PC models having a speed of at least 150 MHz.
f) Find those manufacturers that sell Laptops, but not PC's
g) Find the different types of printers produced by Epson.
h) Find those hard disk sizes which occur in two or more PC's.

Roll No.24   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did) ADMITTEDPATIENT (P_code, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:
- The values of any attributes should not be null.
- Gender value should be M (male) or F (female).
- Wardno should be less than 6.

Queries:
    e) Find the details of doctors who are treating the patient of ward no 3.

    f) Find the details of patient who are discharged within the period 03/03/12 to 25/03/12
    c. Find the details of the doctors who are treating the patients of ward no 3 & display the result along with patient name & disease.
    d. Find the name of the disease by which maximum patients are suffering.

Institute of Management Research & Development
Lab on DBMS

Roll No.25   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records iP the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    - I) Queries and their output.
    - 2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)

PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did) ADMITTEDPATIENT (P_code, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:
- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than 6.

Queries:
c) Find the details of the doctors who are treating the patients of ward no 3 & display the result along with patient name & disease.
d) Find the name of the disease by which maximum patients are suffering.
g) Find the details of doctors who are treating the patient of ward no 3.
h) Find the details of patient who are discharged within the period 03/03/12 to 25/03/12

Institute of Management Research & Development

Lab on DBMS

Roll No.26   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    3) Queries and their output.
    4) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least l 0 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pnarne, Padd, age, gender, bloodgroup, Did) ADMITTEDPATIENT (Pcode, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:

- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than 6.

Queries:

e) Find details of the patients who are treated by M.B.B.S. doctors.
f) Find the details of patient who is suffered from blood cancer having age less than 50 years & blood group is A.
g) Find the name of doctor who is treating maximum number of patients.

h)   Find the details of patient who are admitted within the period 03/03/08 to 25/ 03/08.

Roll No.27   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    3) Queries and their output.
    4) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did) ADMITTEDPATIENT (Pcode, Entry date, Discharge date. wardno, disease)

Integrity Constraints:
- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than 6.

Queries:
c) Find details of the patients who are treated by M.S. doctors.
d) Find the name of doctor who is treating maximum number of patients.

c. Find the details of patient who is suffered from blood cancer having age less than 50 years & blood group is A.

D. Find the details of patient who are admitted within the period 03/03/08 to 25/ 03/08.

Institute of Management Research & Development
Lab on DBMS

Roll No.28   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before tilling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    3) Queries and their output.
    4) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open_date. acctype, balance)

TRANSACTION (trans_id, trans date, accno, trans_type, amount) CUSTOMER (cust_id, name, address, accno)

Integrity Constraints:
- The values of any attributes should not be null.
- acctype value should be P(Personal) or J(Joint).
- Accno should be less than 3 digits.
- Trans type should be C(Credit) or D(Debit)

Queries:
   e. Find the details of customers whose minimum balance is 1 lakhs.
   f. Find the details of amount credited within the period 25-3-2012 to 28-3- 2012
   g. Find the details of customers who have personal accounts & balance is less than 2 lakhs.
   h. Find the details of customers who have joint accounts.

Roll No.29   **Max marks: 40**

Instructions:

- Read the slip carefully.
- .Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of
    3) Queries and their output..
    4) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open_date, acctype, balance)
TRANSACTION (trans id, trans_date, accno, trans_type, amount) CUSTOMER (cust_id, name, address, accno)

Integrity Constraints:

- The values of any attributes should not be null.
- acctype value should be P(Personal) or J(Joint).
- Accno should be less than 3 digits.
- Trans_type should be C(Credit) Or D(Debit)

Queries:

e) Find the details of customers who have personal accounts & balance is less than 2 lakhs.
f) Find the details of customers who have joint accounts.
g) Find the details of customers whose minimum balance is 1 lakhs.
h) Find the details of amount credited within the period 25-3-2012 to 28-3- 2012

Lab on DBMS

Roll No.30   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
  3) Queries and their output.
  4) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open_date, acctype, balance)

TRANSACTION (trans_id, trans_date, accno, trans_type, amount) CUSTOMER (cust_id, name, address, accno) _____   ____

Integrity Constraints:
- The values of any attributes should not be null.
- acctype value should be P(Personal) or Moira):
- Accno should be less than 3 digits.
- Transtype should be C(Credit) or D(Debit)

Queries:
e) Find the details of all transactions performed on account number 101. Also specify the name/names of cutomers who owns that account.
f) Find the details of amount credited within the period 15 -3-2012 to 18 -3 -2012.

g) Find the details of customers who have opened the accounts within the period 25-3-2012 to 28-3-2012.
h) Find the details of customers who have joint accounts & balance is less than 2 lakhs.

Institute of Management Research & Development

Lab on DBMS

Roll No.31   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately ᵍo that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
     I) Queries and their output.
     2) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Creat database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open date, acctype, bal)

TRANSACTION (trans_id, trans_ date, accno, trans_type, amount)

CUSTOMER (cust_id, name, address, accno)

Integrity Constraints:

- The values of any attributes should not be null.

- acctype value should be P(Personal) or Moira).
- Accno should be less than 3 digits.
- Trans_type should be C(Credit) or D(Debit)

Queries:

e)   Find the details of customers who have opened the accounts within the period 25-3-2012 to 28-3-2012.

f)   Find the details of customers who have joint accounts & balance is less than 2 lakhs.

g) Find the details of all transactions performed on account number 101. Also specify the name/names of cutomers who owns that account.

h) Find the details of amount credited within the period 15 -3-2012 to 18 -3 -2012.

Institute of Management Research & Development

Lab on DBMS

Roll No.32   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
  - 3) Queries and their output.
  - 4) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

BOOKMASTER (bid, title, author, price)
STUDENTMASTER (stud_enrollno, sname, class, dept)
ACCESSIONTABLE (bid, accession_no, avail)
ISSUETABLE(issueid, accession_no, stud_enrollno, issuedate, duedate, ret_date, bid)

Integrity Constraints:
- The values of any attributes should not be null.
- Avail should be T (if book is not issue) or F (if book is issue)

Queries:
- e) Find the name of books which is issued maximum times.
- f) Find the detail information of books that are issued by computer department students.
- g) Create a view that display all the accession information for a book having bid = 100
- h) Find the information of books issued by MCA students.

Institute of Management Research & Development

Lab on DBMS

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    3) Queries and their output.
    4) Code if written by you for generating report, input form˙, trigger, assertion,cursor ,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

BOOKMASTER (bid, title, author, price)

STUDENTMASTER (stud_enrollno, sname, class, dept)

ACCESSIONTABLE (bid, accession_no, avail)

ISSUETABLE(issueid, accession_no, stud_enrollno, issuedate, duedate, ret_date, bid)

Integrity Constraints:

- The values of any attributes should not be null.
- Avail should be T (if book is not issue) or 1' (if book is issue)

Queries:

    e) Find the detail information of the students who have issued books Between two given dates.

    f) Create a view that display all the accession information for a book having bid = 100

    g) Find the information of books issued by MCA students.

    h) Find the name of books which is issued maximum times.

Lab on DBMS

Roll No.34   **Max marks: 40**

Instructions:
- **Read** the slip carefully.
- Read the Schemas carefully before tilling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    3) Queries and their output.
    4) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records for each, table).

BOOKMASTER (bid, title, author, price)
STUDENTMASTER (stud_enrollno, sname, class, dept)
ACCESSIONTABLE (bid, accession_no, avail)
ISSUETABLE(issueid, accession_no, stud_enrollno, issuedate, duedate, ret_date, bid)

Integrity Constraints:
- The values of any attributes should not be null.
- Avail should be T (if book is not issue) or F (if book i8 issue)

Queries:
- e) Find the number of books issued by each student.
- f) Find the number of books available in the library & written by "Henry Korth".
- g) Find the detail information of the students who have issued books Between two given dates.
- h) Create a view that display all the accession information for a book having bid = 100

Lab on DBMS

Roll No.35   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be .executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    3) Queries and their output.
    4) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open date, acctype, bal)
TRANSACTION (trans_id, trans_ date, accno, trans_type, amount)
CUSTOMER (cust_id, name, address, accno)

Integrity Constraints:
- The values of any attributes should not be null.
- acctype value should be P(Personal) or J(Joint).
- Accno should be less than 3 digits.
- Trans_type should be C(Credit) or D(Debit)

Queries:
e) Find the details of customers who have opened the accounts within the period 25-3-2006 to 28-3-2006.
f) Find the details of customers who have joint accounts & balance is less than 2 lakhs.
g) Find the details of customers who have opened the accounts within the period 21-3-2006 to 24-3-2006.
h) Find the details of customers who have Personal accounts & balance is less than 3 lakhs.

Lab on DBMS

Roll No.36   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    3) Queries and their output.
    4) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

PRODUCT (Maker, Modelno, Type)
PC (Modelno, Speed, RAM, HD, CD, Price)
LAPTOP (Modelno, Speed, RAM, HD, Price)
PRINTER (Modelno, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer)

Queries:

e) Find the manufacturers of color printers.
f) Find the laptops whose speed is slower than that of any PC.
g) Find the different types of printers produced by Epson.
h) Find those hard disk sizes which occur in two or more PC's.

Institute of Management Research & Development

Lab on DBMS

Roll No.37   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    I) Queries and their output.
    2) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL.(Fill up database with at least 10 records in each table).

    PRODUCT (Maker, Modelno, Type)
    PC (Modelno, Speed, RAM, HD, CD, Price)
    LAPTOP (Modelno, Speed, RAM, HD, Price)
    PRINTER (Modelno, Color, Type, Price)

Integrity Constraints:
- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer)

Queries:
  e) Find the manufacturers of color printers.
  f) Find the laptops whose speed is slower than that of any PC.
  g) Find the different types of printers produced by Epson.
  h) Find those hard disk sizes which occur in two or more PC's.

Lab on DBMS

Roll No.38   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    3) Queries and their output.
    4) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

PRODUCT (Maker, <u>Modelno</u>, Type)
PC (<u>Modelno</u>, Speed, RAM, HD, CD, Price)
LAPTOP (<u>Modelno</u>, Speed, RAM, HD, Price)
PRINTER (<u>Modelno</u>, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer).

Queries:

e) Find the manufacturers of color printers.

f) Find the laptops whose speed is slower than that of any PC.
g) Find the different types of printers produced by Epson.
h) Find those hard disk sizes which occur in two or more PC's.

Lab on DBMS

Roll No.39   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
  - Take Printout of:
    1. Queries and their output.
    2. Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

PRODUCT (Maker, <u>Modelno</u>, Type)
 PC (<u>Modelno</u>, Speed, RAM, HD, CD, Price)
 LAPTOP (<u>Modelno</u>, Speed, RAM, HD, Price)
 PRINTER (<u>Modelno</u>, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer)

Queries:

e) Find the different types of printers produced by Epson.
f) Find those hard disk sizes which occur in two or more PC's.
g) Find the manufacturers of color printers.
h) Find the laptops whose speed is slower than that of any PC.

Roll No.40   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did)
ADMITTEDPATIENT (Pcode, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:

- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than

Queries:

m) Find the details of patient who are admitted within the period 03/03/08 to 25/ 03/08.
n) Find the names of doctors who are treating TB patients.
o) Find the details of the doctors who are treating the patients of ward no 3 & display the result along with patient name & disease.
p) Find the name of the disease by which maximum patients are suffering.

Roll No.41   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

   SUPPLIER (Sno, Sname, address, City

PARTS (Pno, Pname, Color, Weight, price) PROJECT (Jno, Jname, City)
   SPJ (Sno, Pno, Jno, Qty)

Integrity Constraints:
- The values of any attributes should not be null.
- Legal cities are London, Paris, Rome, New York and Amsterdam.
- Supplier Number must start with 'S' followed by a decimal integer in the range of 0 to 9999.

Queries:
   i) Find all the projects which are provided 3 or more parts.
   j) Find full details of all projects in London.

   k) Find all the projects which are provided 2 or more parts.
   l) Find full details of all projects in Paris .

Roll No.42   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did)
ADMITTEDPATIENT (Pcode, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:
- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than

Queries:
q) Find the details of patient who are admitted within the period 03/03/08 to 25/ 03/08.
r) Find the names of doctors who are treating TB patients.
s) Find the details of the doctors who are treating the patients of ward no 3 & display the result along with patient name & disease.
t) Find the name of the disease by which maximum patients are suffering.

Roll No.43   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    I) Queries and their output.
    2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

 PRODUCT (Maker, <u>Modelno</u>, Type)

 PC (<u>Modelno</u>, Speed, RAM, HD, CD, Price)

 LAPTOP (<u>Modelno</u>, Speed, RAM, HD, Price)

 PRINTER (<u>Modelno</u>, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer)

Queries:

i) Find PC models having a speed of at least 150 MHz.

j) Find those manufacturers that sell Laptops, but not PC's

k) Find the different types of printers produced by Epson.

l) Find those hard disk sizes which occur in two or more PC's.

Roll No.44   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did) ADMITTEDPATIENT (P_code, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:
- The values of any attributes should not be null.
- Gender value should be M (male) or F (female).
- Wardno should be less than 6.

Queries:
> i) Find the details of doctors who are treating the patient of ward no 3.
>
> j) Find the details of patient who are discharged within the period 03/03/12 to 25/03/12
> c. Find the details of the doctors who are treating the patients of ward no 3 & display the result along with patient name & disease.
> d. Find the name of the disease by which maximum patients are suffering.

Roll No.45   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records iP the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
  - I) Queries and their output.
  - 2) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did) ADMITTEDPATIENT (P_code, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:

- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than 6.

Queries:

- e) Find the details of the doctors who are treating the patients of ward no 3 & display the result along with patient name & disease.
- f) Find the name of the disease by which maximum patients are suffering.
- k) Find the details of doctors who are treating the patient of ward no 3.
- l) Find the details of patient who are discharged within the period 03/03/12 to 25/03/12

Roll No.46   **Max marks: 40**

Instructions:

* Read the slip carefully.
* Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
* The underline attributes is primary key & double underline attributes are foreign keys.
* Take Printout of:
    5) Queries and their output.
    6) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least l 0 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pnarne, Padd, age, gender, bloodgroup, Did) ADMITTEDPATIENT (Pcode, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:

* The values of any attributes should not be null.
* Gender value should be M (male) or F(female).
* Wardno should be less than 6.

Queries:

i)   Find details of the patients who are treated by M.B.B.S. doctors.
j)   Find the details of patient who is suffered from blood cancer having age less than 50 years & blood group is A.
k)   Find the name of doctor who is treating maximum number of patients.

l)   Find the details of patient who are admitted within the period 03/03/08 to 25/ 03/08.

Roll No.47   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
  5) Queries and their output.
  6) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did) ADMITTEDPATIENT (Pcode, Entry date, Discharge date. wardno, disease)

Integrity Constraints:
- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than 6.

Queries:
   e) Find details of the patients who are treated by M.S. doctors.
   f) Find the name of doctor who is treating maximum number of patients.

   c. Find the details of patient who is suffered from blood cancer having age less than 50 years & blood group is A.

   D. Find the details of patient who are admitted within the period 03/03/08 to 25/ 03/08.

Institute of Management Research & Development
Lab on DBMS

Roll No.48   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before tilling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    5) Queries and their output.
    6) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open_date. acctype, balance)

TRANSACTION (trans_id, trans date, accno, trans_type, amount) CUSTOMER (cust_id, name, address, accno)

Integrity Constraints:
- The values of any attributes should not be null.
- acctype value should be P(Personal) or J(Joint).
- Accno should be less than 3 digits.
- Trans type should be C(Credit) or D(Debit)

Queries:
       i.   Find the details of customers whose minimum balance is 1 lakhs.
      j.   Find the details of amount credited within the period 25-3-2012 to 28-3- 2012
      k.   Find the details of customers who have personal accounts & balance is less than 2 lakhs.
      l.   Find the details of customers who have joint accounts.

Roll No.49   **Max marks: 40**

Instructions:

- Read the slip carefully.
- .Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of
    5) Queries and their output..
    6) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open_date, acctype, balance)
TRANSACTION (trans id, trans_date, accno, trans_type, amount) CUSTOMER (cust_id,
name, address, accno)

Integrity Constraints:

- The values of any attributes should not be null.
- acctype value should be P(Personal) or J(Joint).
- Accno should be less than 3 digits.
- Trans_type should be C(Credit) Or D(Debit)

Queries:

i) Find the details of customers who have personal accounts & balance is less than 2 lakhs.
j) Find the details of customers who have joint accounts.
k) Find the details of customers whose minimum balance is 1 lakhs.
l) Find the details of amount credited within the period 25-3-2012 to 28-3- 2012

Institute of Management Research & Development

Lab on DBMS

Roll No.50   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    5) Queries and their output.
    6) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open_date, acctype, balance)

TRANSACTION (trans_id, trans_date, accno, trans_type, amount) CUSTOMER (cust_id, name, address, accno) _____   ____

Integrity Constraints:

- The values of any attributes should not be null.
- acctype value should be P(Personal) or Moira):
- Accno should be less than 3 digits.
- Transtype should be C(Credit) or D(Debit)

Queries:

   i) Find the details of all transactions performed on account number 101. Also specify the name/names of cutomers who owns that account.
   j) Find the details of amount credited within the period 15 -3-2012 to 18 -3 -2012.

   k) Find the details of customers who have opened the accounts within the period 25-3-2012 to 28-3-2012.
   l) Find the details of customers who have joint accounts & balance is less than 2 lakhs.

Institute of Management Research & Development

Lab on DBMS

Roll No.51   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately ᵍo that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    - I) Queries and their output.
    - 2) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Creat database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open date, acctype, bal)

TRANSACTION (trans_id, trans_ date, accno, trans_type, amount)

CUSTOMER (cust_id, name, address, accno)

Integrity Constraints:

- The values of any attributes should not be null.

- acctype value should be P(Personal) or Moira).
- Accno should be less than 3 digits.
- Trans_type should be C(Credit) or D(Debit)

Queries:

i)   Find the details of customers who have opened the accounts within the period 25-3-2012 to 28-3-2012.

j)   Find the details of customers who have joint accounts & balance is less than 2 lakhs.

k) Find the details of all transactions performed on account number 101. Also specify the name/names of cutomers who owns that account.

l) Find the details of amount credited within the period 15 -3-2012 to 18 -3 -2012.

Institute of Management Research & Development

Lab on DBMS

Roll No.52   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    5) Queries and their output.
    6) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

BOOKMASTER (bid, title, author, price)
STUDENTMASTER (stud_enrollno, sname, class, dept)
ACCESSIONTABLE (bid, accession_no, avail)
ISSUETABLE(issueid, accession_no, stud_enrollno, issuedate, duedate, ret_date, bid)

Integrity Constraints:

- The values of any attributes should not be null.
- Avail should be T (if book is not issue) or F (if book is issue)

Queries:

       i)   Find the name of books which is issued maximum times.
       j)   Find the detail information of books that are issued by computer department students.
       k)   Create a view that display all the accession information for a book having bid = 100
       l)   Find the information of books issued by MCA students.

Lab on DBMS

Roll No.53   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    5) Queries and their output.
    6) Code if written by you for generating report, input form˙, trigger, assertion,cursor ,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

BOOKMASTER (bid, title, author, price)

STUDENTMASTER (stud_enrollno, sname, class, dept)

ACCESSIONTABLE (bid, accession_no, avail)

ISSUETABLE(issueid, accession_no, stud_enrollno, issuedate, duedate, ret_date, bid)

Integrity Constraints:

- The values of any attributes should not be null.
- Avail should be T (if book is not issue) or 1' (if book is issue)

Queries:

    i) Find the detail information of the students who have issued books Between two given dates.
    j) Create a view that display all the accession information for a book having bid = 100
    k) Find the information of books issued by MCA students.
    l) Find the name of books which is issued maximum times.

Lab on DBMS

Roll No.54   Max marks: 40

Instructions:
- **Read** the slip carefully.
- Read the Schemas carefully before tilling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
  - 5) Queries and their output.
  - 6) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records for each, table).

BOOKMASTER (bid, title, author, price)
STUDENTMASTER (stud_enrollno, sname, class, dept)
ACCESSIONTABLE (bid, accession_no, avail)
ISSUETABLE(issueid, accession_no, stud_enrollno, issuedate, duedate, ret_date, bid)

Integrity Constraints:
- The values of any attributes should not be null.
- Avail should be T (if book is not issue) or F (if book i8 issue)

Queries:
- i) Find the number of books issued by each student.
- j) Find the number of books available in the library & written by "Henry Korth".
- k) Find the detail information of the students who have issued books Between two given dates.
- l) Create a view that display all the accession information for a book having bid = 100

Institute of Management Research & Development

Lab on DBMS

Roll No.55   **Max marks: 40**

Instructions:
- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be .executed.
- The underline attributes is primary key &·double underline attributes are foreign keys.
- Take Printout of:
  5) Queries and their output.
  6) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

ACCOUNT (accno, open date, acctype, bal)
TRANSACTION (trans_id, trans_ date, accno, trans_type, amount)
CUSTOMER (cust_id, name, address, accno)

Integrity Constraints:
- The values of any attributes should not be null.
- acctype value should be P(Personal) or J(Joint).
- Accno should be less than 3 digits.
- Trans_type should be C(Credit) or D(Debit)

Queries:
   i)   Find the details of customers who have opened the accounts within the period 25-3-2006 to 28-3-2006.
   j)   Find the details of customers who have joint accounts & balance is less than 2 lakhs.
   k)   Find the details of customers who have opened the accounts within the period 21-3-2006 to 24-3-2006.
   l)   Find the details of customers who have Personal accounts & balance is less than 3 lakhs.

Institute of Management Research & Development

Lab on DBMS

Roll No.56   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
  5) Queries and their output.
  6) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

   PRODUCT (Maker, Modelno, Type)
   PC (Modelno, Speed, RAM, HD, CD, Price)
   LAPTOP (Modelno, Speed, RAM, HD, Price)
   PRINTER (Modelno, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer)

Queries:

   i) Find the manufacturers of color printers.
   j) Find the laptops whose speed is slower than that of any PC.
   k) Find the different types of printers produced by Epson.
   l) Find those hard disk sizes which occur in two or more PC's.

Lab on DBMS

Roll No.57   **Max marks: 40**

Instructions:

- Read the slip carefully.

- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.

- The underline attributes is primary key & double underline attributes are foreign keys.

- Take Printout of:
    I) Queries and their output.
    2) Code if written by you for generating report, input form, trigger, assertion, cursor,views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL.(Fill up database with at least 10 records in each table).

  PRODUCT (Maker, <u>Modelno</u>, Type)
  PC (<u>Modelno</u>, Speed, RAM, HD, CD, Price)
  LAPTOP (<u>Modelno</u>, Speed, RAM, HD, Price)
  PRINTER (<u>Modelno</u>, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer)

Queries:

  i) Find the manufacturers of color printers.
  j) Find the laptops whose speed is slower than that of any PC.
  k) Find the different types of printers produced by Epson.
  l) Find those hard disk sizes which occur in two or more PC's.

Institute of Management Research & Development

Lab on DBMS

Roll No.58   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
- Take Printout of:
    5) Queries and their output.
    6) Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

    PRODUCT (Maker, Modelno, Type)
     PC (Modelno, Speed, RAM, HD, CD, Price)
    LAPTOP (Modelno, Speed, RAM, HD, Price)
    PRINTER (Modelno, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer).

Queries:

i) Find the manufacturers of color printers.

j) Find the laptops whose speed is slower than that of any PC.
k) Find the different types of printers produced by Epson.
l) Find those hard disk sizes which occur in two or more PC's.

Lab on DBMS

Roll No.59   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.
  - Take Printout of:
      1. Queries and their output.
      2. Code if written by you for generating report, input form, trigger, assertion, cursor, views along with their output.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

    PRODUCT (Maker, Modelno, Type)
     PC (Modelno, Speed, RAM, HD, CD, Price)
    LAPTOP (Modelno, Speed, RAM, HD, Price)
    PRINTER (Modelno, Color, Type, Price)

Integrity Constraints:

- The values of any attributes should not be null.
- Product Type should one of these (PC, Laptop or Printer)

Queries:

    i)   Find the different types of printers produced by Epson.
    j)   Find those hard disk sizes which occur in two or more PC's.
    k)   Find the manufacturers of color printers.
    l)   Find the laptops whose speed is slower than that of any PC.

Roll No.   **Max marks: 40**

Instructions:

- Read the slip carefully.
- Read the Schemas carefully before filling records in the table & fill the records appropriately so that mentioned queries can be executed.
- The underline attributes is primary key & double underline attributes are foreign keys.

Create database using following schema. Apply given Integrity Constraints and answer the following queries using SQL. (Fill up database with at least 10 records in each table).

DOCTOR (Did, Dname, Daddress, qualification)
PATIENTMASTER (Pcode, Pname, Padd, age, gender, bloodgroup, Did)
ADMITTEDPATIENT (Pcode, Entry_date, Discharge_date, wardno, disease)

Integrity Constraints:

- The values of any attributes should not be null.
- Gender value should be M (male) or F(female).
- Wardno should be less than

Queries:

u) Find the details of patient who are admitted within the period 03/03/08 to 25/ 03/08.
v) Find the names of doctors who are treating TB patients.
w) Find the details of the doctors who are treating the patients of ward no 3 & display the result along with patient name & disease.
x) Find the name of the disease by which maximum patients are suffering.