

F. Y. B. C. A. Semester 2
ASSIGNMENT-MS ACCESS 3
Paper No.: 205
Paper Title: DATABASE MANAGEMENT SYSTEM
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Q.1 Create the following tables with appropriate constraint

Patientmaster (patientno,name,address,phoneno)
Doctormaster(doctorno,name,address,type)
Treatment(doctorno,patientno,admitdate,dischargedate)

In type enter 'P' for permanent, 'V' for visiting 'A' for adhoc

Do as directed

- (1) Write a query to add one field Amount in treatment file
- (2) Add atleast 10 records
- (3) count no of patient under each doctor
- (4) display maximum amount paid .
- (5) list the information of patient whose name have 'J ' in their name
- (6) display the information who are permanent.
- (7) display the list of patient who have stayed maximum in the hospital
- (8) display the name of the doctor who is having maximum patient.
- (9) change the doctor type to Adhoc whose doctor no is 'D010'
- (10) delete the information of the patient whose phone no is 225634

Q.2 Create the following tables with appropriate constraint and add atleast 10 record

Itemast(itemcode, itemdescription, qtyinhand, rate)
Custmast(custno,name,phone)
Order(orderno,orderdate,custno)
Orderdetail(orderno,itemcode,qty)

Do as directed

- (1) Display the item whose qty in hand is more than 200 and rate is less than 10
- (2) Get the detail of the item whose item name consist of 'O'
- (3) Get the detail of item whose rate is more than Rs 200 in descending order
- (4) Get the customer no whose order amount is maximum
- (5) get the detail of the customer who have not placed any order
- (6) get orderno , orderdate, item name , amount of all order placed on 10 Jan.
- (7) change the item quantity to 140 whose item code is 'it45'.
- (8) List the item detail whose itemname start with 'B'

Q.3 Create the following tables with appropriate constraint and add atleast 10 record

Studentmaster(studcode,studtname,city,mobile)
Coursemaster(coursecode,coursename,desc)
Enrollemtmaster(studcode,coursecode,dateofenrol)

Student code should start with 'S'
Course Code should start with 'C'
If dateofenrol is not taken take the default date

Do as directed

- (1) Write a query to add column fees in coursemaster
- (2) Find the information of the course in which no student have enrolled .
- (3) Get the detail of the student who have enrolled themselves in course 'C004'
- (4) Get the coursecode along with no of student enrolled. If no student are enrolled in that course then just give course detail
- (5) get the detail of the student who are enrolled in year 2009
- (6) get the detail of the course whose fees is maximum
- (7) find the information of the student who are not enrolled in BBA
- (8) find the information of the student who lives in NAVSARI and pay 10000 fees
- (9) give enrollment date wise detail of student.

Q.4 Create the following tables :

- 1) Student(rollno,name,course_code,city,age)
 - 2) Fee(rollno,fee, amountpaid)
 - 3) Course(course_code,course_name)
- (a) Apply following constraints and add at least 10 records

- (1) Apply the primary key where it is necessary
- (2) Apply foreign key

Do as directed :

- (1) Display the name of students living in 'Delhi'.
- (2) Count the number of students who have not paid the fees.
- (3) Find out the total amt collected as fess for students whose course name is 'BCA'.
- (4) Display the names of student, whose age is less than 20.
- (5) List the students of 'B.Com.' who have paid the fees.
- (6) Give details of students for 'B.A'. course.
- (7) Delete all the students from stu_mast table whose course_code is "MCA"
- (8) Change the city of students to "Bombay" whose name starts with "B".

Q.5 create the following tables

Book_mast (book_no, book_name, author, publisher, no_of_copy)

Stud_mast(lib_no, stud_name, book_no, no_of_copy)

Transaction (trans_no,trans_type, lib_no, book_no, no_of_copy, trans_date)

Give transaction type = "I" for Issue and "R" for return

(A) Apply following constraints and add at least 10 records

(1) Apply the primary key where it is necessary

(2) Apply foreign key

(B) Do as directed :

(1) Display all student name who have more than two books.

(2) Display all books whose publisher is "Pearson Education".

(3) Display all students who have "MATHEMATICS" book.

(4) Delete records from stud_mast for all students who have "ORACLE" book.

(5) Change transaction type to "R" (Return) for all transaction whose transaction type is "I" (Issue) and book_name = "Let US C"

(6) Display all student name who get book publisher "BPB"

(7) Display the name of book which are issued maximum time.

(8) Display the name of all book issued to student "Raj Kumar".

(9) Display how many books are available for issue, which title is 'C++'.

(10) Display all books with no of copies.

(11) Display all book name which are reissued on '10/2/2012'