



DAV CENT. PUBLIC SCHOOL

(Directly Managed by DAV College Managing Committee, New Delhi)

L-Block, Shastri Nagar, Meerut

Tel.0121-2708712, 2709119 | E-mail : davmeerut123@gmail.com | Website : www.davmeerut.org



Kindly paste the worksheet in your notebook and solve all the questions and submit your notebook on 10th January, 2018.

1. Write SQL queries FOR

CREATE Table and insert the given below records: **ACTIVITY**

Acode	ActivityName	Stadium	PrizeMoney
1001	Relay 100x4	Star Annex	10000
1002	High Jump	Star Annex	12000
1003	Shot Put	Super Power	8000
1005	Long Jump	Star Annex	9000
1008	Discuss Throw	Super Power	15000

- To Display name of activity with prize money more than 10000
- To display stadium name and prize money in increasing order of prize money
- To increase the prize money by 2000 for the shot put activity
- To delete all records for stadium name 'Star Power'

2. Write SQL commands

CREATE Table and insert the given below records: **FURNITURE**

NO	ITEMNAME	TYPE	DATEOFSTOCK	DISC_PER
1	White Lotus	Double Bed	23/02/02	25
2	Pink Feather	Baby Cot	20/01/02	20
3	Dolphin	Baby Cot	19/02/02	20
4	Decent	Office Table	01/01/02	30
5	Comfort Zone	Double Bed	12/01/02	25

- Display ITEMNAME and TYPE of items in descending order of ITEMNAME.
- To Reduce the DISC_PER by 5 for Double Bed
- Select ITEMNAME,DISC_PER from FURNITURE where ITEMNAME is 'DOLPHIN'
- To delete all records for type is baby cot.

3. Write SQL commands for

CREATE Table and insert the given below records: **WORKSHOP**

Candidate_Id	Cand_Name	City	Subject	Hours_Worked	Question_No
1	Rishi Khullar	Punjab	IP	22	5
2	Kancha Anand	Delhi	Physics	20	5
3	Preeti	Delhi	C++	18	6
4	Ishita Manan	Bihar	IP	16	NULL
5	Sanjay	H P	Physics	18	1
6	Rajat Sehgal	H P	IP	23	3

- To display the Candidates from DELHI who have worked for more than 20 hours.

- (ii) To display the Candidates_ID and Candidate_Name who have not worked on any question.
- (iii) To display the details of teachers who have worked on the Subject 'IP' in descending order of hours worked.
- (iv) To delete all records for subject is C++

4. Write SQL commands for

Creating table BOOKS and insert the given below records:

BOOKS					
AccNo	Title	Author	Publisher	Edition	Price
1001	Basic Economics	J.P. Mudgil	APH	2009	125
1002	MicroEconomics	Kavi Prakash	KPH	2009	175

1. Insert any 3 records of your own choice also
2. List all the books detail of publisher 'APH' present in the library
3. Display the title, price in decreasing order of price
4. To delete all records for publisher is KPH
5. To increase the price to 200 for the ACCNo=1001

5. Write SQL commands for

Creating table STUDENTS and insert the given below records:

STUDENTS				
AdmNo	LibCardNo	AccNo	IssueDate	ReturnDate
2010001	101	1002	2009-12-02	2009-12-08
2009012	102	1050	2010-02-16	NULL

1. Display the AccNo of all the students who have been issued library card but not returned by them.
2. Display AdmNo, AccNo in increasing order of LibCardNo
3. Delete the records of the students whose LibCardNo is 102
4. Insert any 3 records of your own choice also

6. Consider the following table named GYM:

Table: **GYM**

PrCode	PrName	UnitPrice	Manufacturer
P101	Cross Trainer	25000	Avon Fitness
P102	Tread Mill	32000	A G Fitline
P103	Massage Chair	20000	Fit Express
P104	Vibration Trainer	22000	Avon Fitness
P105	Bike	13000	Fit Express

Write SQL statements to do the following:

1. Create the above table GYM and insert the given records.

2. Display the names and unit price of all the products in the store.
3. Display the names of all the products with unit price less than Rs. 20000
4. change the names of all the manufacturer to 'ABC' for UnitPrice less than 20000.
5. Display all the rows sorted in descending order of unit price.
6. Remove all the product rows manufactured by "Avon Fitness".

7. Consider the following table Employee :

Table: **Employee**

ECode	LastName	FirstName	Department
101	Sharma	Amit	Sales
102	Arora	Shiv	Personnel
103	Lakshmi	KS	Accounts
104	Rajlani	Shivika	Accounts
105	Thakral	Satvik	Sales

Write SQL statements to do the following:

1. Create the above table EMPLOYEE and insert the given records.
2. Display the last names and first names of all employees.
3. Display all the details of employees in decreasing order of ECode.
4. Change the first names of all the employees of "sales" department to 'Ankit'.
5. An employee Satvik Thankral has left his job . Do the needful by removing the row from the table.

8. Consider the following Table: **Department**

DepCode	DepName	Budget	City
101	Sales	200000	Meerut
102	Personnel	150000	Delhi
103	Accounts	300000	Bijnor
104	Personnel	200000	Meerut
105	Accounts	150000	Delhi

Write SQL statements to do the following:

1. Create the above table DEPARTMENT and insert the given records.
2. Display department names of departments with budget above 180000.
3. Display department details (from Department table) in descending order of Budget Amount.
4. Change the Department name "Sales" to "Marketing"
5. Delete records in Department table whose city is 'Bijnor'.

9. Create the following table named "Grocer" and insert the given records

Table: Grocer

Item_Id	ItemName	UnitPrice	Quantity (kg)	Date_Purchase
1	Rice	52.50	80	2010-02-01
2	Wheat	25.40	50	2010-03-09
3	Corn	50.80	100	2010-03-11
4	Semolina	28.90	50	2010-01-15

1. Display Item name, unit price along with Date of purchase for all the Items in increasing order of unit price.
2. Display Item name whose quantity is less than 100
3. Delete records whose Item name is 'Corn'.
4. Change the quantity to 200 for Item_Id 1 and 3

10. Consider a table LOANS

Table: Loan_Accounts

AccNo	Cust_Name	Loan_Amount	Instalments	Int_Rate
1	R.K. Gupta	300000	36	12.00
2	S.P. Sharma	500000	48	10.00
3	K.P. Jain	300000	36	NULL
4	M.P. Yadav	800000	60	10.00
5	S.P. Sinha	200000	36	12.50
6	P. Sharma	700000	60	12.50
7	K.S. Dhall	500000	48	NULL

Write SQL commands for

1. Create the table Loan_Accounts and insert tuples in it.
2. Display the details of all the loans.
3. Display the AccNo, Cust_Name, and Loan_Amount of all the loans.
4. Display the details of all the loans with less than 40 instalments.
5. Display the details of all the loans in the ascending order of their Loan_Amount.
6. Put the interest rate 11.50% for all the loans for which interest rate is NULL.
7. Increase the interest rate by 0.5% for all the loans for which the loan amount is more than 400000.
8. Delete the records of all the loans of 'K.P. Jain'