STRUCTURED QUERY LANGUAGE TYPE A : VERY SHORT ANSWER QUESTIONS

	ITPE A: VERT SHORT ANSWER QUESTIONS
1.	What is SQL? What are the various subdivisions of SQL?
Ans.	SQL means Structured Query Language. It is the set of commands that is recognized by all RDBMS.
	Data Definition Language (DDL)
	Data Manipulation Language (DML)
	Data Control Language (DCL)
2.	Give examples of some DDL commands and some DML commands.
Ans.	DDL Commands
	1) CREATE
	2) ALTER
	3) DROP
	DML Commands
	1) INSERT INTO
	2) DELETE
	3) UPDATE
3.	What is the difference between column constraint and table constraint? Name some database integrity
	constrains.
Ans.	The difference between column constraint and table constraint is that column constraint applies only to
	individual columns, whereas table constraints apply to groups of one or more columns.
	Following are the few of database integrity constrains:
	Unique constraint
	Primary Key constraint
	Default constraint
	Check constraint
4.	1. How do following constraint work?
	(i) Unique (ii) Primary Key (iii) Default (iv) Check
Ans.	<u>Unique</u> : This constraint ensures that no two rows have the same value in the specified columns.
	For eg, CREATE TABLE employee (ecode integer NOT NULL UNIQUE, ename char(20),Sex char(2));
	Primary Key: Primary key does not allow NULL value and Duplicate data in the column which is declared as
	Primary Key.
	For eg, CREATE TABLE employee (ecode integer NOT NULL PRIMARY KEY, ename char(20), Sexchar(2));
	Default: When a user does not enter a value for the column, automatically the defined default value is inserted in
	field. A column can have only one default value.
	For eg , CREATE TABLE employee (ecode integer NOT NULL PRIMARY KEY, ename char(20), Sexchar(2), Grade
	char(2) DEFAULT = 'E1');
	<u>Check:</u> This constraint limits values that can inserted into a column of table.
	For eg , CREATE TABLE employee (ecode integer NOT NULL PRIMARY KEY, ename char(20), Sex char(2) , Grade
	char(2) DEFAULT = 'E1', Gross decimal CHECK (gross > 2000);
5.	Compare DISTINCT and ALL keywords when used with SELECT command.
Ans.	DISTINCT keyword is used to restrict the duplicate rows from the results of a SELECT statement.
	ALL keyword retains the duplicate rows, by default ALL keyword is use by SELECT statement.
6.	What is wrong with the following statement? Write the corrected form of this query :
	SELECT * FROM employee
	SELECT * FROM Employee

	IS NULL should be used in place of = NULL. Following is the correct statement :									
	SELECT * FROM employee									
	WHERE grade IS NULL ;									
7.	What is the difference between where and I	naving clause ?								
Ans.	WHERE CLAUSE	HAVING CLAUSE								
	Places conditions on individual rows.	Places conditions on groups.								
	Cannot include aggregate function.	Can include aggregate function.								
	For eg. SELECT * FROM student	For eg. SELECT AVG(marks) FROM student								
	WHERE Rno >=10;	GROUP BY grade HAVING grade = 'B1';								
8.	What is difference between working of the	iollowing functions?								
0.	Count(*),Count (<column-name>), Count (D</column-name>	-								
Ans.	<u>Count(*):-</u> The COUNT(*) function returns the									
,	SELECT COUNT(*) FROM st									
		,								
	Count (<column-name>):- The COUNT(<colur< th=""><th>nn-name>) function returns the number of values (NULL values will</th></colur<></column-name>	nn-name>) function returns the number of values (NULL values will								
	not be counted) of the specified column:									
	SELECT COUNT(name) FROM stude	nt;								
	Count (DISTINCT):- The COUNT(DISTINCT column_name) function returns the									
	number of distinct values of the specified column:									
	SELECT COUNT(DISTINCT city) FROM student;									
	<u>Count (ALL):-</u> to count the number of non-null values in column dept, i.e. counting repetitions too.									
	<u>Count (ALL):-</u> to count the number of non-null values in column dept, i.e. counting repetitions too. SELECT COUNT(ALL) FROM student;									
9.	1. What is the difference between SELECT	INTO and CREATE VIEW commands?								
Ans.	SELECT INTO command	CREATE VIEW command								
	SELECT INTO creates a new table by	The CREATE VIEW creates view from a table.								
		The energy lew creates new from a table.								
	extracting data from other table.	The energy of energy new normal table.								
	extracting data from other table. Resides physically in the database.	Not a part of the database's physical representation.								
	Resides physically in the database. Used to create backup copies of tables.	Not a part of the database's physical representation. Not used for backup purpose.								
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	Resides physically in the database. Used to create backup copies of tables. For eg. SELECT Lastname, FirstName INTO Person_Backup	Not a part of the database's physical representation. Not used for backup purpose.								
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10.	Resides physically in the database. Used to create backup copies of tables. For eg. SELECT Lastname, FirstName INTO Person_Backup FROM Persons;	Not a part of the database's physical representation. Not used for backup purpose. For eg. CREATE VIEW v_student AS SELECT Roll_no, Name, Class FROM student;								
10. Ans.	Resides physically in the database.Used to create backup copies of tables.For eg. SELECT Lastname, FirstNameINTO Person_BackupFROM Persons;What are views? When can a view be updat	Not a part of the database's physical representation. Not used for backup purpose. For eg. CREATE VIEW v_student AS SELECT Roll_no, Name, Class FROM student;								
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Ans.	S. CREATE TABLE DEPTP30 AS(SELECT EmpNo, EmpName, Job, Sal FROM EMP WHERE DeptNo=30);								
14.	Display names all employees whose names include either of the substring "TH" or "LL".								
Ans.	SELECT empname FROM emp WHERE(empname LIKE '%TH%' OR empname LIKE '%LL%');								
15.	Display data for all CLERKS who earn between 1000 and 2000.								
Ans.	SELECT * FROM emp WHERE((job LIKE 'clerk') AND (sal BETWEEN 1000 AND 2000));								
16.	Display data for all employees sorted by their department, seniority and salary.								
Ans.	SELECT * FROM emp ORDER BY deptno, hiredate, sal;								
Ans. 17.	Write a SQL statement to list EmpNo, EmpName, DeptNo, for all the employees. This information is should be								
17.	sorted on EmpName.								
Ans.	SELECT empno, empname,deptno FROM emp ORDER BY empname;								
18.	Write SQL statement for : Find all the employees who have no manager.								
Ans.	SELECT empname FROM emp WHERE mgr IS NULL;								
19.	Write a SQL statement (s) to list all employees in the following format:								
15.	EMPLOYEE WORKS IN DEPARTMENT DeptNo								
	7369-SMITH WORKS IN DEPARTMENT 20								
	7300-SUDHIR WORKS IN DEPARTMENT 20								
	7345-RAJ WORKS IN DEPARTMENT 10								
	7329-SMITHS WORKS IN DEPARTMENT 30								
	7234-SANTOSH WORKS IN DEPARTMENT 30								
Ans.	SELECT ename, 'WORKS IN DEPARTMENT', deptno FROM emp;								
20.	To find all those employees whose job does not start with 'M'.								
Ans.	SELECT empname FROM emp WHERE job NOT LIKE 'M%';								
21.	To display all employees who were hired during 1995.								
Ans.	SELECT ename FROM emp WHERE YEAR(hiredate) = '1995';								
22.	To display DeptNo, Job, EmpName in reverse order of salary from the EMP table.								
Ans.	SELECT deptno,job,empname FROM emp ORDER BY sal DESC;								
23.	List EmpName, Job, Sal for all the employees who have a manager.								
Ans.	SELECT empname , job, salary from EMP WHERE mgr IS NOT NULL;								
24.	List the minimum and maximum salary of each job type.								
Ans.	SELECT job,MIN(sal),MAX(sal) FROM emp GROUP BY job;								
25.	Show the average salary for all departments with more than 3 people for job.								
Ans.	SELECT AVG(sal) FROM emp GROUP BY deptno HAVING COUNT(job)>3;								
26.	Display only the jobs with maximum salary greater than or equal to 3000.								
Ans.	SELECT job FROM emp GROUP BY job HAVING MAX(salary)>=3000;								
27.	Find out number of employee having 'Manager' as job.								
Ans.	SELECT COUNT(empname) FROM emp WHERE job LIKE 'Manager';								
28.	Create view Dept20 with EmpName and the Sal of employees for dept 20.								
Ans.	CREATE VIEW dept20 as SELECT empname, sal FROM emp WHERE deptno=20;								
29.	Find the average salary and average total remuneration for each job type remember salesman earn commission.								
A									
Ans. 30.	SELECT AVG(sal) , AVG(sal + IFNULL(comm, 0)) FROM emp GROUP BY job; What happens if you try to drop a table on which a view exists?								
	If we try to drop a table on which a view exist, then the table is dropped but DBMS invalidates these dependent								
Ans.	views but does not drop them. We cannot use these views unless we recreate the table or drop and recreate the								
	objects so that they no longer depend on the table.								
31.	Create a view with one of the columns Salary * 12. Try updating columns of this view.								
Ans.	CREATE VIEW emp_view (v_empno,v_empname,v_avgsal) AS SELECT empno, empname,								
A113.	salary*12 FROM emp;								
	UPDATE emp_view SET empname = 'MOHAN' WHERE empno=8698;								
32.	Can you create view of view?								
Ans.	Yes, We can create view of view.								

3.	Write a suitable SQL statement to display ALL employees working in New York in the following format :										
5.	A.deptno=B.	ne Salary pname, A.sal deptno WHERE SQL statement to	ary,B.] locati	ion LII	KE 'NewYo	rk';					
	SELECT empn	ame FROM emp	A, sal	B WHERE	grade=3 A	ND A.emp	no=B.empno;				
	Write a suitable SQL statement to find out the total number of employees from EMP table. SELECT count(empname) from EMP;										
					ANSWER	QUESTIO	NS				
	Consider the fo Table: ST(llowing tables ST DRE	ORE and	SUPPLIE	RS and answ	ver (a) and (I	o) parts of t	his question:			
	ItemNo	Item			Scode	Qty	Rate	LastBuy			
	2005	Sharpener Cl	assic		23	60	8	31-Jun-09			
	2003	Ball Pen 0.25			22	50	25	01-Feb-10			
	2002	Gel Pen Pren			21	150	12	24-Feb-10			
	2006	Gel Pen Clas		21	250	20	11-Mar-09				
	2001	Eraser Small		22	220	6	19-Jan-09				
	2004	Eraser Big		22	110	8	02-Dec-09				
	2009	Ball Pen 0.5	Ball Pen 0.5			180	18	03-Nov-09			
		Ta	ble: SUI	PPLIEF	RS						
		5	Scode	Snan	ne						
		2	21	Pren	nium Statio	oners					
		2	23	Soft	Plastics						
		12	22	Tetra	tra Supply						
•	To display detai	mands for the fol ils of all the item COM STORE ORI	s in the S	tore tab	le in ascendi	ng order of	LastBuy.				
	• •	No and Item nan NO, Item FRO					e Rate is mo	re than 15 Rupe			
5.	than 110 from t	letails of those it he table Store.			-	-	Quantity ir	ו Store (Qty) is ו			
		mum Rate of iter					ode from th	ne table Store.			
	• •	le, MIN(Rate									

(b)	Give the outr	out of the following SQL que	ries:								
(i)	-	IT(DISTINCT Scode) FROM S									
Ans.		TINCT Scode)	,								
	3	<u>_</u>									
(::)	SELECT Rate*	Qty FROM Store WHERE Ite	mNo-2004·								
(ii)	RATE*QTY	dry I KOM Store WILKE RE	11110-200 4 ,								
Ans.	880										
(iii)	SELECT Item,	Sname FROM Store S, Suppl	iers P WHERE S.Sc	ode=P.Scod	e AND ItemNo=2006;						
Ans.	ITEM SNAME Gel Pen Classic Premium Stationers										
	Gel Pen C	lassic Prem	nium Statione	rs							
	SELECT MAX(LastBuy) FROM Store;									
(iv)	MAX (LAST										
Ans.	24-Feb-10	<u>`</u>									
2.	Consider the	following table Item and Cu	stomer. Write SQ	. commands	s for the statement (i) to (iv) and						
		for SQL queries (v) to (viii).									
		able : ITEM									
	i_ID	ItemName	Manufacturer	Price							
	PC01	Personal Computer	•		00						
	LC05	Laptop	ABC	5500							
	PcO3	Personal Computer	XYZ	3200							
	Pc06 Lc03	Personal Computer	COMP	3700							
		Laptop able : CUSTOMER	PQR	5700	0						
	CID	CustomerName	City	I ID							
	01	N Roy	Delhi	LC03							
	06	H Singh	Mumbai	PC03							
	12	R Pandey	Delhi	PC06							
	15	C Sharma	Delhi	LC03							
	16	K Agarwal	Banglore	PC01							
			·								
(i)		e details of those Customer FROM CUSTOMER WHERE	-								
Ans.	SELECI " .	FROM CUSIOMER WHERE	CIII = DELH								
(ii)	To display the	e details of Item whose Pric	e is in the range of	f 3500 to 55	000 (Both values included).						
Ans.		FROM ITEM WHERE PRIC	-								
(iii)	-	· -	able Customer, an	d ItemNam	e and Price from table Item, with						
	•	onding matching I_ID.									
Ans.		STOMERNAME,CITY,ITEN .I_ID=B.I_ID;	MNAME, PRICE F	ROM CUST	OMER A INNER JOIN ITEM						
	D WHERE A	.1_10-8.1_107									
(iv)	To increase t	he Price of all Items by 1000) in the table Item.								
(IV) Ans.		EM SET PRICE=PRICE+2									
()	SELECT DISTI	NCT City FROM Customer;									
(v) Ans	City										
Ans.	Delhi										
	Mumbai										
	Banglore										

(vi) Ans. (vii) Ans.	Name LaptopPersonalComputerSELECT CustomerCname N RoyH Singh R Pandey C Sharma	<u>Max</u> 580 380	(Price) 00 00 Mufacturer F	<u>Cour</u> 2 3	M Item GROUP BY			=Custor	ner.l_ld;		
(viii) Ans.	SELECT ItemName <u>Name</u> Personal Con	Ī	00 FROM Ite Price*100 3600000		HERE Manufacture	er = 'AB	C';				
	Laptop	Ĩ	5600000								
3.		-	s. Write SQI	L com	mands for the stat	ement	s (i) to (iv) and	give outp	outs for SQL	
	queries (v) to (vii	i).									
		: SENDER						l.			
	SenderID	Sende	rName	9	SenderName	Sende	erCity				
	ND01		ain		2,ABC Appts	New	Delhi				
	MU02	H Si	nha	1	12, Newtown	Mur	nbai				
	MU15	S Jha		27/A, Park Street		Mumbai					
	ND50	T Pr	asad	122-K, SDA		New	New Delhi				
	TABLE : RECIPIENT										
	RecID S	SenderID	RecName		RecAddress	5	Re	City]		
	KO05	ND01	R Bajpayee		5, Central Avenue		Kol	kata	-		
	ND08	MU02	S Mohar	1		r New Delhi		Delhi	-		
	MU19	ND01	H singh		2a, Andheri e	ast			-		
	MU32	MU15	P K Swarr		B5, c S Termir		Mu	mbai	-		
	ND48	ND50	S Tirupat		13, B1 d, Mayur			Delhi			
(i)	To display the na						1		L		
Ans.					HERE SENDERCI	TY='M	JMBAI	';			
(ii)					dress, RecName, R			-	•		
Ans.					ADDRESS, RECNAI		CADDR	ESS FI	ROM REC	IPIENT A	
	INNER JOIN S	ENDER B	ON A.SEN	DERI	D=B.SENDERID	;					
	_										
(iii)	To display Recipio		-								
Ans.	SELECT * FRO	M RECIPI	ENI, ORDE	к ВЪ	C RECNAME;						
(iv)	To display numbe	•			ty FROM RECIPIEN	T GROI	IP BY	RECC	ΤͲΥ;		
Ans.	SELECT DISTINCT										
(v)		Jenderenty	. Noivi Sellu	C 1,							
Ans.	Sendercity										
	New Delhi										
	Mumbai										

(vi)	SELECT A.SenderName, B.RecName FROM Sender A, Recipient B WHERE A.SenderID=B.SenderID AND										
		City='Mumbai';									
Ans.	-	erName RecNam									
	R Ja:	5									
	S Jha	a PKSw	amy								
								<i></i>			
		T RecName, RecAddress	-	oient WHE	RE recCity N	OT IN('	Mumbai',	'Kolkata');			
(vii)	RecNa										
Ans.		najan 116, A Vi rupati 13, B1 D,		them							
	5 111	Lupati 15, BID,	Mayur V	Illaí							
,	SELEC	T RecID, RecName FROM	Recipient V	VHERE Se	nderID='MU	02' OR :	SenderID=	'ND50';			
(viii)	RecII		•					-			
Ans.	ND08 S Mahajan										
	ND48	S Tirupati									
4. (a)	What	happens if you drop a tab	e on which	a view exi	sts?						
Ans.	lf we t	ry to drop a table on which	n a view exis	t then the	DBMS like O	racle in	validates tl	hese denende	ent views but		
,		ot drop them. We cannot									
		ley no longer depend on the									
	that th	icy no longer depend off th									
	Note:	Write the SQL commands f	or (h) to (a)	and write	outputs for S	OI comi	mands aive	n in (h) on th	e hasis of		
	table N		01 (b) to (g)			QL COIIII	nunus give		c busis of		
	tubic i	Table : MOV									
	No.	Title	Туре	Rating	Stars	Qty	Price				
	1	Gone with the Wind	Drama	G	Gable	4	39.95				
	2	Friday the 13 th	Horror	R	Jason	2	69.95				
	3	Top Gun		PG		7					
			Drama		Cruise		49.95				
	4	Splash	Comedy	PG13	Hanks	3	29.95				
	5	Independence Day	Drama	R	Turner	3	19.95				
	6	Risky Business	Comedy	R	Cruise	2	44.95				
	7	Cocoon	Scifi	PG	Ameche	2	31.95				
	8	Crocodile Dundee	Comedy	PG13	Harris	2	69.95				
	9	101 Dalmatians	Comedy			3	59.95				
	10	Tootsie	Comedy		Hoffman	1	29.95				
(b)		he total value of the mov		s available	in the libra	ry.					
Ans.	SELE	CT COUNT(TITLE) FR	OM MOV;								
(c)	-	y a list of all movies with			-						
Ans.	SELE(CT * FROM MOV WHER	E PRICE>	ZU ORDE	к ву PRIC	:E;					
/ .0	Dicala	y all the movies sorted b	v 0+v in da	roacing a	rdor						
(d)	-	•	• • •	•	iuei.						
Ans.	SELE(CT * FROM MOV ORDE	к ві білі	DEPCI							
	Displa	y a report listing a movie	number o	urrent val	up and ronla	romon	t value for	each movie	in the above		
(e)	-	Calculate the replaceme			-	cemen	t value IOI	each movie	in the above		
	table.	QTY * Price * 1.		an movie	5 d5						
	SELEO	CT NO, PRICE AS 'CU		LIF: (O	Ͳϒ*ϼϝϯᡊᢑ*	1 151	על יסד	ϷͳͺϪϹʹͲϺͲͷͲ	י עאד דד י		
Ans.	FROM			цов ,(V	II PRICE"	1.13)	AD KL	E DACEMEN I	VALUE		
	1 10014	110 V /									
(5)	Count	the number of movies w	here Rating	g is not "G	".						
(f)		CT COUNT(TITLE) FR	-	-		;					
Ans.											
	L										

g) Ans.	Insert a new movie in MOV table. Fill all the columns with values. INSERT IN TO MOV VALUES(11, 'Republic Day', 'Drama', 'R', 'Turner', 3, 38.95);											
h) i) Ans. ii) Ans.	Select AVG(1 19.9 Select MAX(1	Give the output of following SQL commands on the basis of table MOV. Select AVG(Price) from MOV where Price < 30; $\frac{AVG(Price)}{19.95}$ Select MAX(Price) from MOV where price > 30; $\frac{MAX(Price)}{79.95}$										
ii) ns.	SUM(Select SUM(Price * QTY) from MOV where QTY < 4; SUM(Price*QTY) 791.75										
v) Ins.	Select COUNT(DISTINCT TYPE) from MOV; COUNT(DISTINCT TYPE) 4											
Ins.	CREA	SQL statement to cre IE TABLE EMPLOY ate DECIMAL);			•		-					
•	Create a table with the under mentioned structures											
	Table	e : EMP	Table :	PROJECT	Table : DEPT							
	Job Mana Hirec Salar	No NUMBER(2 Name CHAR(10) CHAR(10) ager NUMBER(4 date DATE) ProjDes ProjSta ProjEnc) Budget MaxNo ,2)	ProjIdNUMBER(4)ProjDesigCHAR(20)ProjStartDTDATEProjEndDTDATEBudgetAmountNUMBER(7)MaxNoStaffNUMBER(2)			NUMBER(2) CHAR(12) CHAR(12)					
ins.	CHAR DECII CREA DATE	TE TABLE EMP (En (10), Manager] MAL(7,2)); TE TABLE PROJEC , ProjEndDT DAJ TE TABLE DEPT (I	INTEGER(4), H CT(ProjId INT FE, BudgetAmo	ireDate DATE, EGER(4), ProjD unt INTEGER(7)	Salary I Design CH , MaxNos	DECIMAL(7 HAR(20), Staff INT	,2), Commissior ProjStartDT EGER(2));					
		a table called SALEG	_	_		i,, locat	1011 01111((12)))					
			LowSal HighSal Grade	NUMBER(7,2) NUMBER(7,2) NUMBER(2)								
ns.		TE TABLE SALEGF MAL(7,2) CHECK(.00), HighSal					
•	ARRIV	SQL commands for (a ALS:	a) to (f) and write t	the outputs for (g) o	n the basis	of tables FUF	RNITURE and					
		l	ТҮРЕ	DATEOFSTOCK	PRICE	DISCOUN	т					
	NO	ITEMNAME										
	NO 1	White lotus	Double Bed	23/02/02	30000	25						
	1 2	White lotus Pink feather	Double Bed Baby cot	23/02/02 20/01/02	7000	20						
	1	White lotus	Double Bed	23/02/02								

5			12/01/02	25000	25
	Comfort zone	Double Bed	12/01/02	25000	25
6	Donald Boyal Finish	Baby cot	24/02/02	6500	15
7	Royal Finish	Office Table	20/02/02	18000	30
8	Royal tiger	Sofa	22/02/02	31000	30
9	Econo sitting	Sofa	13/12/01	9500	25
10	Eating Paradise	Dining Table	19/02/02	11500	25
ТАВ	LE : ARRIVALS				
NO	ITEMNAME	ТҮРЕ	DATEOFSTOCK	PRICE	DISCOUNT
11	Wood Comfort	Double Bed	23/03/03	25000	25
12	Old Fox	Sofa	20/02/03	17000	20
13	Micky	Baby cot	21/02/03	7500	15
SEL	Now all information about the second se	TURE WHERE I	YPE='Baby cot	';	URE table.
To lis table SELI	ECT ITEMNAME FR t ITEMNAME and TYPE in descending order o ECT ITEMNAME, TY MNAME DESC;	of those items, i f ITEMNAME.		OCK is before	
	ECT ITEMNAME, DAT				OUNT>25;
. SEL	ECT COUNT(TYPE)	-			
To in		FROM FURNITU ARRIVALS table wuble bed', {25/03,	IRE WHERE TYPE ith the following da /03}, 25000,30	='SOFA'; ta:	le bed', {
Give NOTA Select	ECT COUNT(TYPE) sert a new row in the A 14, 'Velvet touch', 'Do ERT INTO ARRIVAL	FROM FURNITU ARRIVALS table w uble bed', {25/03, S VALUES(14, g SQL statement: mentioned queri rtion done in (f) p E) from FURNITUR	IRE WHERE TYPE ith the following da /03}, 25000,30 `Velvet touc es should be based of art of this question :	='SOFA'; ta: h', `Douk on original da	
Give NOTH Select COUN 5	ECT COUNT(TYPE) sert a new row in the A 14, 'Velvet touch', 'Dou ERT INTO ARRIVAL 00,30); the output of following E: Outputs of the below out considering the inse out considering the inse t COUNT (distinct TYPE	FROM FURNITU ARRIVALS table w uble bed', {25/03, S VALUES(14, g SQL statement: mentioned queri rtion done in (f) p E) from FURNITUR	IRE WHERE TYPE ith the following da /03}, 25000,30 `Velvet touc es should be based o art of this question : RE;	='SOFA'; ta: h', `Douk on original da	
To in INSI 2500 Give NOTI with Selec COUI 5 Selec	ECT COUNT(TYPE) sert a new row in the A 14, 'Velvet touch', 'Dou ERT INTO ARRIVAL 00,30); the output of following E: Outputs of the below out considering the inse t COUNT (distinct TYPE NT(distinct TYPE the MAX(DISCOUT) form	FROM FURNITU ARRIVALS table w uble bed', {25/03, S VALUES(14, g SQL statement: mentioned queri rtion done in (f) p E) from FURNITUR	IRE WHERE TYPE ith the following da /03}, 25000,30 `Velvet touc es should be based o art of this question : RE;	='SOFA'; ta: h', `Douk on original da	
To in INSI 2500 Give NOTE with Selec COUI 5 Selec MAX	ECT COUNT(TYPE) sert a new row in the A 14, 'Velvet touch', 'Dou ERT INTO ARRIVAL 00, 30); the output of following E: Outputs of the below out considering the inse et COUNT (distinct TYPE T(distinct TYPE th MAX(DISCOUT) form (DISCOUNT)	FROM FURNITU ARRIVALS table w uble bed', {25/03, S VALUES(14, g SQL statement: mentioned queri rtion done in (f) p E) from FURNITUR	IRE WHERE TYPE ith the following da /03}, 25000,30 `Velvet touc es should be based o art of this question : RE;	='SOFA'; ta: h', `Douk on original da	
To in INSI 2500 Give NOTH with Selec COUI 5 Selec MAX 30, 2	ECT COUNT(TYPE) sert a new row in the A 14, 'Velvet touch', 'Dou ERT INTO ARRIVAL 00,30); the output of following E: Outputs of the below but considering the inse tt COUNT (distinct TYPE NT(distinct TYPE tt MAX(DISCOUT) form (DISCOUNT) 25	FROM FURNITU ARRIVALS table w uble bed', {25/03, S VALUES(14, g SQL statement: mentioned queri rtion done in (f) p E) from FURNITUR) FURNITURE, ARR	IRE WHERE TYPE ith the following da /03}, 25000,30 `Velvet touc es should be based o art of this question : RE; SIVALS;	='SOFA'; ta: h', `Doub on original do	
To in INSI 2500 Give NOTA witho Select COUI 5 Select MAX 30, 2 Select AVG	ECT COUNT(TYPE) sert a new row in the A 14, 'Velvet touch', 'Dou ERT INTO ARRIVAL 00, 30); the output of following E: Outputs of the below out considering the inse et COUNT (distinct TYPE T(distinct TYPE th MAX(DISCOUT) form (DISCOUNT)	FROM FURNITU ARRIVALS table w uble bed', {25/03, S VALUES(14, g SQL statement: mentioned queri rtion done in (f) p E) from FURNITUR) FURNITURE, ARR	IRE WHERE TYPE ith the following da /03}, 25000,30 `Velvet touc es should be based o art of this question : RE; SIVALS;	='SOFA'; ta: h', `Doub on original do	
To in INSI 2500 Give NOTH with Select COUI 5 Select MAX 30,2 Select AVG 15	Sert a new row in the A 14, 'Velvet touch', 'Dou ERT INTO ARRIVAL 00, 30); the output of following E: Outputs of the below out considering the inset out considering the inset t COUNT (distinct TYPE T(distinct TYPE t MAX(DISCOUT) form (DISCOUNT) 25 tt AVG(DISCOUT) form (DISCOUT)	FROM FURNITU ARRIVALS table w uble bed', {25/03, S VALUES (14, S VALUES (14, g SQL statement: mentioned queri rtion done in (f) p E) from FURNITURE) FURNITURE, ARR FURNITURE wher	TRE WHERE TYPE ith the following da /03}, 25000,30 `Velvet touc: es should be based of art of this question : RE; EVALS; re TYPE = 'Baby cot';	= ' SOFA' ; ta: h ' , ` Doub on original do	
To in INSI 2500 Give NOTH with Selec COUN 5 Selec MAX 30, 2 Selec 15 Selec	ECT COUNT(TYPE) sert a new row in the A 14, 'Velvet touch', 'Dou ERT INTO ARRIVAL 00,30); the output of following E: Outputs of the below out considering the inset t COUNT (distinct TYPE NT(distinct TYPE NT(distinct TYPE t MAX(DISCOUT) form (DISCOUNT) 25 t AVG(DISCOUT) form (DISCOUT) tt SUM(PRICE) from FU	FROM FURNITU ARRIVALS table w uble bed', {25/03, S VALUES (14, S VALUES (14, g SQL statement: mentioned queri rtion done in (f) p E) from FURNITURE) FURNITURE, ARR FURNITURE wher	TRE WHERE TYPE ith the following da /03}, 25000,30 `Velvet touc: es should be based of art of this question : RE; EVALS; re TYPE = 'Baby cot';	= ' SOFA' ; ta: h ' , ` Doub on original do	
To in INSI 2500 Give NOTE with Selec COUI 5 Selec AVG 15 Selec SUM	ECT COUNT(TYPE) sert a new row in the A 14, 'Velvet touch', 'Dou ERT INTO ARRIVAL 00,30); the output of following E: Outputs of the below out considering the inset t COUNT (distinct TYPE T(distinct TYPE T(distinct TYPE T(distinct TYPE t MAX(DISCOUT) form (DISCOUNT) 25 t AVG(DISCOUT) form (DISCOUT) t SUM(PRICE) from FU (PRICE)	FROM FURNITU ARRIVALS table w uble bed', {25/03, S VALUES (14, S VALUES (14, g SQL statement: mentioned queri rtion done in (f) p E) from FURNITURE) FURNITURE, ARR FURNITURE wher	TRE WHERE TYPE ith the following da /03}, 25000,30 `Velvet touc: es should be based of art of this question : RE; EVALS; re TYPE = 'Baby cot';	= ' SOFA' ; ta: h ' , ` Doub on original do	
To in INSI 2500 Give NOTH with Select COUI 5 Select MAX 30,2 Select AVG 15 Select Sele	ECT COUNT(TYPE) sert a new row in the A 14, 'Velvet touch', 'Dou ERT INTO ARRIVAL 00,30); the output of following E: Outputs of the below out considering the inset t COUNT (distinct TYPE T(distinct TYPE T(distinct TYPE T(distinct TYPE t MAX(DISCOUT) form (DISCOUNT) 25 t AVG(DISCOUT) form (DISCOUT) t SUM(PRICE) from FU (PRICE)	FROM FURNITU ARRIVALS table w uble bed', {25/03, S VALUES(14, S VALUES(14, g SQL statement: mentioned queri rtion done in (f) p FORNITURE (f) p FURNITURE, ARR FURNITURE where D	TRE WHERE TYPE ith the following da /03}, 25000,30 `Velvet touc: es should be based of art of this question : RE; EVALS; re TYPE = 'Baby cot'; DATEOFSTOCK<{12/0	= ' SOFA' ; ta: h ' , ` Douk on original do	

ıs.	DROP TABLE:-	DROP TABLE stater	nent is used to delete th	e table and a	l its data from the database enti	irely.				
	The syntax for	DROP TABLE is DRO)P TABLE ;							
		Removes an existing	view from a database	DROP VIFW s	tatement is used to remove a vie	w or a				
			he syntax for DROP VIEW							
).						and giv				
-	Study the following tables DOCTOR and SALARY and write SQL commands for the questions (i) to (iv) and giv outputs for SQL queries (v) to (vi) :									
	TABLE : DOCTO									
	ID	NAME	DEPT	SEX	EXPERIENCE					
	101	John	ENT	M	12					
	104	Smith	ORTHOPEDIC	М	5					
	107	George	CARDIOLOGY	М	10					
	114	Lara	SKIN	F	3					
	109	K George	MEDICINE	F	9					
	105	Johnson	ORTHOPEDIC	М	10					
	117	Lucy	ENT	F	3					
	111	Bill	MEDICINE	F	12					
	130	Morphy	ORTHOPEDIC	М	15					
	TABLE : SALARY									
	1D	BASIC	ALLOWANCE	CONSU	LTATION					
	101	12000	1000	3	00					
	104	23000	2300	5	00					
	107	32000	4000	5	00					
	114	12000	5200	1	.00					
	109	42000	1700	2	00					
	105	18900	1690	3	00					
	130	21700	2600	3	00					
	Display NAME	of all doctors who	are in "MEDICINE" havi	ng more than	10 year experience from the ta	ble				
	DOCTOR.			-	· · ·					
5.	SELECT NAM	E FROM DOCTOR	WHERE DEPT='MED	ICINE' ANI	<pre>D EXPERIENCE>10;</pre>					
			loctors working in "ENT'	department	using the tables DOCTOR and S	ALAR				
5.	Selary=BASIC			ע העעט	Y B WHERE DEPT='ENT' A	רוא				
	A.ID=B.ID;		INCE) FROM DUCIUR	A, SALAR	I P MUEVE DELIE ENI, Y	UU				
	Display the mi	nimum ALLOWAN(E of female doctors.							
			CE of female doctors. ROM DOCTOR A AND	SALARY B	WHERE SEX='F' AND					
				SALARY B	WHERE SEX='F' AND					
5.	SELECT MIN A.ID=B.ID;	(ALLOWANCE) F	ROM DOCTOR A AND		WHERE SEX='F' AND					
;.)	SELECT MIN A.ID=B.ID; Display the hig	(ALLOWANCE) F	ROM DOCTOR A AND	or.						
s.)	SELECT MIN A.ID=B.ID; Display the hig	(ALLOWANCE) F	ROM DOCTOR A AND	or.	WHERE SEX='F' AND SEX='M' AND A.ID=B.ID;					
s.) s.	SELECT MIN A.ID=B.ID; Display the hig SELECT MAX	(ALLOWANCE) F shest consultation f (CONST) FROM	ROM DOCTOR A AND Tee among all male doctor DOCTOR A, SALARY	or.						
s.) s.	SELECT MIN A.ID=B.ID; Display the hig SELECT MAX SELECT count((ALLOWANCE) F	ROM DOCTOR A AND Tee among all male doctor DOCTOR A, SALARY	or.						
s.) s.	SELECT MIN A.ID=B.ID; Display the hig SELECT MAX SELECT count(*)	(ALLOWANCE) F shest consultation f (CONST) FROM	ROM DOCTOR A AND Tee among all male doctor DOCTOR A, SALARY	or.						
s.) s.	SELECT MIN A.ID=B.ID; Display the hig SELECT MAX SELECT count((ALLOWANCE) F shest consultation f (CONST) FROM	ROM DOCTOR A AND Tee among all male doctor DOCTOR A, SALARY	or.						
s.) s.	SELECT MIN A.ID=B.ID; Display the hig SELECT MAX SELECT count(count(*) 4	(ALLOWANCE) F thest consultation f (CONST) FROM *) from DOCTOR w	ROM DOCTOR A AND ee among all male doctor DOCTOR A, SALARY here SEX="F".	or. B WHERE S	SEX='M' AND A.ID=B.ID;					
) is. .) is. s.	SELECT MIN A.ID=B.ID; Display the hig SELECT MAX SELECT count(count(*) 4	(ALLOWANCE) F thest consultation f (CONST) FROM *) from DOCTOR w	ROM DOCTOR A AND ee among all male doctor DOCTOR A, SALARY here SEX="F".	or. B WHERE S						

11. (a) Ans.	What are DDL and DML commands? DDL is short form of Data Definition Language statements are used to build and modify the structure of database, tables and other objects in the database. When you execute a DDL statement, it takes effect immediately. Some of the commands comprising DDL are CREATE TABLE, DROP TABLE and CREATE INDEX.										
	DML is abbrev update data in				-				nodify, dele	ete, insert and	
(b)	Study the following tables FLIGHTS and FARES and write SQL commands for the questions (i) to (iv) and give outputs for SQL queries (v) to (vi). Table : FLIGHTS										
	Id							CUTC			
		FL_NO			ENDI		NO_FLI	GHIS	NO_STO	122	
		IC301	MUM		DELHI		8		0		
		IC799		ALORE	DELHI		2		1		
		MC101			MUM		3		0		
		IC302	DELHI		MUM		8		0		
		AM812				ALORE	3		1		
		IC899	MUM DELHI		KOCH		1		4 5		
		AM501 MU499			MADF	NDRUM	1		3		
		IC701	DELHI				4		0		
		10701	DLLIII		AHMEDABAD		4		0		
	Та	ble : FAR	RES FL_NO	AIRLINES		FARE		TAX%			
			IC701	Indian Airline	ic is a second sec	6500		10			
			MU499	Sahara	9400			5			
			AM501	Jet Airways			8				
			IC899	India Airlines				4			
			IC302	Indian Airline			10				
		_	IC799	Indian Airline		10500		10			
		-	MC101	Deccan Airlin	es	3500		4			
(i)	Display FL_NO	and NO	FLIGHTS	from "KANPU	R" to "E	BANGLOR	E" from	the table	FLIGHTS.		
Ans.	SELECT FL_ ENDING LIK				GHTS	WHERE	'START	ING' L	IKE 'KAN	NPUR' AND	
(ii) Ans.	Arrange the co					nding ord	ler of FL_	NO.			
(iii)		_		•	•		H to MU	MBAI usi	ng the tabl	les FLIGHTS and	
	FARES, where		•			-	7 2 0 1 / 1		י דידי אראס	IGHTS`,`FARES	<u>م</u> ۲
Ans.	WHERE STA									IGHIS , FARES	5
				ARES`.`FL_		DING		MOMDAT	AND		
(iv) Ans.	Display the mi SELECT MIN				offering	from the	e table FA	ARES.			
(v)	SELECT FL_NO FLIGHTS.FL_N	_		LINES from FL	IGHTS,	FARES W	HERE ST	ARTING =	"Delhi" A	ND	
Ans.	ERROR – Co Correct Code a	lumn '	FL_NO'	in field	list	is amb	iguous				

								ES FROM FL			
						II' AND	FLIGH	HTS.FL_NO =	= FARES.FI	L_NO;	
		O_FLIC	GHTS	AIRLIN							
	IC302 8			Indian							
	AM501 1			Jet Ai	-						
	IC701 4			Indian	Airl	ines					
(vi) Ans.	SELECT coun	-		-	GHTS.						
	7										
12.	Consider the	followi	ng tables	WORKERS	and DE	SIG. Write	e SQL co	ommands for t	he statement	s (i) to (iv) and give	
	outputs for S	SQL que	ries (v) to	(viii).							
		(Tab	ole : Wo	rkers	I		
		I	D FIR	STNAME	LAST	NAME		DDRESS	CITY		
		102		Sam	Тс	ones	3	3 Elm St.	Paris		
		105		Sarah	Acke	erman	44() U. S. 110	New Yo	rk	
		144	Manila		Sen	gupta	24 Fr	iends Street	New Del	lhi	
		210	G	ieorge	Sr	nith	83 I	irst Street	Howard	d	
		255		Mary	Jc	ones	842	Vine Ave.	Losantivi	ille	
		300	R	Robert	Sa	muel	9 F	ifth Cross	Washingt	ton	
		335	H	Henry	Wil	lliams	12 N	loore Street	Boston	۱	
		403	F	Ronny	L	Lee		Harrison St.	New Yo	rk	
		451		Pat	Tho	mpson	11	Red Road	Paris		
	Table : DESIG										
		Γ	W_ID	SALA	RY	BENE		DESIG	ATION]	
		-	102	7500		150		Mana		-	
		-	105	8500		250		Direc	-	-	
		-	144	7000		150		Mana		-	
			210	7500		125		Mana	-		
		_	255	5000		120		Cle	-	-	
		_	300	4500		100		Cle		-	
		_	335	4000		100		Cle		-	
			400	3200		750				-	
		_	451	2800		750		Sales		-	
(i) Ans.		_			-	-	-	ing in New Yor ERS WHERE (able WORKERS. YORK';	
(ii) Ans.	To dislay the SELECT *					0		STNAME.			
(iii)	Total Salary	is calcul	ated as Sa	alary + Ben	efits.	•				nd DESIG, where	
Ans.	SELECT FI WORKERS,I							'TOTAL SAI	LARY' FROM	М	
(iv) Ans.	• •				•			n the table DES		LERK');	
(v)	SELECT FIRST WORKERS.W	-			RKERS, D	DESIG WH	ERE DE	SIGNATION = 'I	Manager' ANI	D	

Ans.	FIRSTNAM	E SALARY						
	Sam	75000						
	Manila	70000						
	George	75000						
(vi)	SELECT COUNT(DISTINCT DESIGNATION) FROM DESIG;							
Ans.		STINCT DESIGNAT	-	ŗ				
	4		<u> </u>					
(vii)	SELECT DESI	GNATION, SUM(SALA	RY) FROM D	ESIG GROUP	BY DESIGNATION HA	VING COUNT(*)<3;		
Ans.	SELECT DESIGNATION, SUM(SALARY) FROM DESIG GROUP BY DESIGNATION HAVING COUNT(*)<3; DESIGNATION SUM(SALARY)							
	Director	85000						
	Salesman	60000						
(viii)	SELECT SUM	I(BENEFITS) FROM DES	SIG WHERE D	DESIGNATION	='Salesman';			
Ans.	SUM (BENEI	FITS)						
	15000							
13.		-		ABRIC. Write	SQL commands for t	the statements (i) to (iv) and		
	give outputs	s for SQL queries (v) to	(viii).					
	Table: GARN							
	GCODE	DESCRIPTION	PRICE	FCODE	READYDATE			
	10023	PENCIL SKIRT	1150	F03	19-DEC-08			
	10001	FORMAL SHIRT	1250	F01	12-JAN-08			
	10012	INFORMAL SHIRT	1550	F02	06-JAN-08			
	10024	BABY TOP	750	F03	07-APR-07			
	10090	TULIP SKIRT	850	F02	31-MAR-07			
	10019	EVENING GOWN	850	F03	06-JUN-08			
	10009	INFORMAL PANT	1500	F02	20-OCT-08			
	10007	FORMAL PANT	1350	F01	09-MAR-08			
	10020	FROCK	850	F04	09-SEP-07			
	10089	SLACKS	750	F03	20-OCT-08			
	Table: FABRIC							
	FCODE	ТҮРЕ						
	F04	POLYSTER						
	F02	COTTON						
	F03	SILK						
	F01	TERELENE						
<i>(</i>)								
(i)	• •				•			
Ans.	SELECT GCODE, DESCRIPTION FROM GARMENT ORDER BY GCODE DESC;							
(::)	To display th	he details of all the GA		hich have PE/	NDVDATE in botwoon	08-DEC-07 and 16-JUN-08		
(ii) Ans.		both the dates).				08-DEC-07 and 10-5014-08		
Ans.	•	•	ERE READY	DATE BETW	IEEN '08-DEC-07	'AND `16-JUN-08';		
(;;;;)	To display th	he average PRICE of al	l the GARME	NTs. which a	re made up of FABRI	C with FCODE as F03.		
Ans.	(iii) To display the average PRICE of all the GARMENTs, which are made up of FABRIC with FCODE as F03 Ans SELECT AVG(PRICE) FROM GARMENTWHERE FCODE = `F03';							
Alls.		· · · ·						
(iv)	To display F	ABRICwise highest and	d lowest pric	e of GARME	NTs from GARMENT t	able. (Display FCODE of each		
Ans.		long with highest and	-					
~113.		CODE, MAX(PRICE	•	•	I GARMENT GROUP	BY FCODE;		

(v) Ans.	SELECT SUM(PRICE) FROM GARMENT WHERE FCODE='F01'; SUM(PRICE) 2600								
(vi) Ans.	SELECT DESCRIPTION, TYPE FROM GARMENT, FABRIC WHERE GARMENT.FCODE =FABRIC.FCODE AND GARMENT.PRICE > = 1260; DESCRIPTION TYPE INFORMAL SHIRT COTTON INFORMAL PANT COTTON FORMAL PANT TERELENE								
(vii) Ans.	SELECT MAX(FCODE) FROM FABRIC; MAX(FCODE) F04								
(viii) Ans.	SELECT COUNT (DISTINCT PRICE) FROM GARMENT; COUNT(DISTINCT PRICE) 7								
14.	Consider the following tables DRESS and MATERIAL. Write SQL commands for the statements (i) to (iv) and give outputs for SQL queries (v) to (viii).								
	DCODE	Table : DRESS	DDICE	MCODE	LAUNCHDATE]			
	DCODE 10001	DESCRIPTION FORMAL SHIRT	PRICE 1250	M001	12-JAN-08	-			
	10001	FROCK	750	M001	09-SEP-07				
	10020	ONFORMAL SHIRT	1450	M004	06-JUN-08	-			
	10012	EVENING GOWN	850	M002	06-JUN-08	-			
	10019	TULIP SKIRT	850	M002	31-MAR-07	-			
	10030	PENCIL SKIRT	1250	M002	19-DEC-08	-			
	10023	SLACKS	850	M003	20-OCT-08	-			
	10085	FORMAL PANT	1450	M001	09-MAR-08	-			
		10009 INFORMAL PANT		M001	20-OCT-08	-			
	10005			M002	07-APR-07				
	Table : MATERIAL		650	101005	07 AI 107				
	MCODE								
	M001	TERELENE	_						
	M001	COTTON							
	M004	POLYESTER							
	M003	SILK	_						
(i)	<u> </u>		_ .f. a.a.a.b. alway	:	na ander of DCODE				
Ans.		DCODE and DISCRIPTION OF CODE, DESCRIPTION I			-				
/	SETECI .	DCODE, DESCRIPTION 1		55 ORDER	BI DCODE/				
(ii)	To display	the details of all the dress	es which ha	ave I AUNCH	DATF in between 05-[)FC-07 AND 20-IUN-08			
Ans.		of both the dates).							
		LECT * FROM DRESS WHERE LAUNCHDATE BETWEEN '05-DEC-07' AND '20-JUN-08';							
(iii)	To display	the average PRICE of all th	e dresses v	vhich are ma	de up of material wit	h MCODE as M003.			
Ans.	SELECT .	AVG(PRICE) FROM DRI	ESS WHER	E MCODE=	'M003';				
(iv)	To display	materialwie highest and lo	owest price	of dresses f	rom DRESS table. (Dis	play MCODE of each dress			
	-	highest and lowest price)							
Ans.	SELECT B.MCODE, TYPE, MAX(PRICE) AS "HIGHEST", MIN(PRICE) AS "LOWEST" FROM DRESS A, MATERIAL B WHERE A.MCODE=B.MCODE GROUP BY TYPE;								

(v)	SELECT SUM(PRICE) FROM DRESS WHERE MCODE = 'M001';						
Ans.	SUM(PRICE) 2700						
	2700						
(vi)	SELECT DESCRIPTION, TYPE FROM DRESS, MATERIAL WHERE DRESS.MCODE=MATERIAL.MCODE AND DRESS.PRICE >= 1250;						
Ans.	DESCRIPTION TYPE						
	FORMAL		ELENE				
		AL SHIRT COT	TON				
	PENCIL SKIRT SILK						
	FORMAL PANT TERELENE INFORMAL PANT COTTON						
	INFORMA	L PANT COT.	I'ON				
(:)	SELECT M	AX(MCODE) FROM	MATERIAL:				
(vii)	MAX (MCC	• •					
Ans.	M004	<u> </u>					
		_					
(viii)		DUNT (DISTINCT PRI	•	SS;			
Ans.	6	DISTINCT PRICE	<u> </u>				
15.	-	the following table	Stationery an	d Consumer. Write 9	6QL commands for the statement (i) to (iv) and		
10.		ut for SQL queries (-				
	0	Table : STATION					
	S_ID	StationeryName	Company	Price			
	DP01	Dot Pen	ABC	10			
	PL02	Pencil	XYZ	6			
	ER05	Eraser	XYZ	7			
	PL01	Pencil	CAM	5			
	GP02	Gel Pen	ABC	15			
	Table : CONSUMER						
	C_ID	ConsumerName	Address	S_ID			
	01	Good Lerner	Delhi	PL01			
	06	Write Well	Mumbai	GP02			
	12	Topper	Delhi	DP01			
	15	Write & Draw	Delhi	PL02			
	16	Motivation	Banglore	PL01			
(:)	To display	, the details of thes	o Concumoro v	whose Address is Del	hi		
(i) Anc				vhose Address is Del \DDRESS="DELHI"			
Ans.	SETEC1	FROM CONSUM			,		
(ii)	To display	, the details of Stati	onerv whose F	Price is in the range of	of 8 to 15 (Both value included)		
Ans.			-	PRICE BETWEEN	-		
, (15,							
(iii)	To display	the ConsumerNan	ne, Address fro	m Tble Consumer, a	nd Company and Price from table Stationery,		
Ans.		corresponding ma					
/ 1151	SELECT	CONSUMERNAME,	ADDRESS,CO	MPANY, PRICE FF	COM CONSUMER, STATIONERY WHERE		
		CR.S_ID=STATIC					
(iv)			•••				
Ans.	UPDATE STATIONERY SET PRICE=PRICE+2;						
(iv) Ans.	To increase the Price of all stationery by 2 UPDATE STATIONERY SET PRICE=PRICE+2; SELECT DISTINCT Address FROM Consumer;						

Ans.	Address							
	Delhi							
	Mumbai							
	Banglore							
(vi)	SELECT Company, MAX(Price),Min(Price),Count(*) FROM Stationery GROUP BY Company;							
Ans.	Company MAX(Price) Min(Price) Co) Cour	nt(*)			
/	ABC	17	12	2				
	CAM	7	7	1				
	XYZ	9	8	2				
(SELECT Consul	SELECT Consumer.CnsumerName, stationery.stationeryName, Stationery.Price FROM Stationery, Consumer						
(vii)	WHERE Consumer.S_Id=Stationery.S_Id							
Ans.	ConsumerName		StationeryName		Price			
	Good Lerner				7			
	Write Well				17			
	Topper I Write & Drow I Motivation I				12			
					8			
			Pencil		7			
(viii)	SELECT StationeryName, Price * 3 FROM Stationery							
Ans.	StationeryName Price*3			3				
	_	ot Pen	36					
	F	Pencil	24					
		lraser						
		Pencil	21					
	G	Gel Pen	51					