1)	Foreign Key in a tabl	e is used to	enforce				
	i) Data dependency						
	ii) Referential Integri	ity					
	iii) Views	•					
	iv) Index Locations						
2)	A table 'Student' cor	tains 5 row	s and 4 colum	ns initially 2	more rows are	added and 1 r	more column is
-,	added . What will be			-			
	i) 7, 5	the degree		cy of the tabl		duding these	
	ii) 5,7						
	iii) 5,5						
	iv) None of the abov	0					
3)	Insert into student v			ard is a type	of which comm	nand .	
5)		alues(1, AD	C, IU Hall Na	gar) is a type	or which com	nanu :	
	i) DML						
	ii) DDL						
	iii) TCL						
- 1	iv) DCL				<u> </u>	•	
4)	Insert into student v	alues(1,'AB	C','10 Hari Nag	gar') is a type	of which com	nand :	
	i) DML						
	ii) DDL						
	iii) TCL						
	iv) DCL						
5)	In a Fashion Store's o	database, tl	nere is a table	'Customer' as	s given below.		
	Table : Customer		1	1			-
		Acc_No	Cust_Name	Cust_City	Cust_Phone	Open_Bal	-
		1001	Dharmesh	Ambala	9710557614	10000	-
		1002	Saniya	Patna	8223545233	15000	-
		1003	Joe	New Delhi	9972136576	13000	-
		1004	Mrinal	New Delhi	9321305453	12000	-
		1005	Ikshaan	Agra	9809876798	19000	
	a) With referen		ove given tab	le, give query	for generating	following out	put
	Cust_l						
	Dharn						
	Saniya						
	Ikshaa						
	i) Select Name from		· -	-			
	ii) Select Name from		_	•			
	iii) Select Cust_Name						
	iv) Select Cust_name	from Cust	omer where A	cc_no is not N	lull;		
	b) Give the outp						
	Select Cust_Name, O	pen_Bal fro	om Customer o	order by Ope	n_bal;		
	i. Cust_Name						
	Dharmesh 10						
	Mrinal 12000						
	Joe 13000						
	Saniya 15000						
	Ikshaan 1900	0					

	ii. Cust_Name Open_Bal
	 Ikshaan 19000
	Saniya 15000
	Joe 13000
	Mrinal 12000
	Dharmesh 10000
	iii. Cust Name Open Bal
	Dharmesh 10000
	Ikshaan 19000
	Joe 13000
	Mrinal 12000
	Saniya 15000
	Samya 15000
	c) Pranay has given the following command to obtain Opening Balance
	Select max(Open Bal) from Customer where group by Cust City;
	but he is not getting the desired result. Help him by writing the correct command.
	a. Select max(Open_Bal) from Customer where group by Cust_name;
	b. Select max(Open_Bal) from Customer where group by Cust_City;
	c. Select Cust_City,max(Open_Bal) from Customer group by Cust_city;
	d. Select max(Open_Bal) from Customer group by Cust_name;
	d) Help Pranay find the total no. of records having open_bal between 15000 to 20000 by selecting the
	right command
	i. Select total from customer;
	ii. Select count(*) from customer;
	iii. Select count(*) from customer where open_bal between 15000 and 20000;
	iv. Select count(*) from customer group by open_bal;
	e) How should Pranay write the query to find the Customers who are not living in Agra or Patna?
	i. Select * from Customer where Cust_City is 'Agra' or 'Patna';
	ii. Select * from Customer where Cust_City not like 'Agra' or 'Patna';
	iii. Select * from Customer where Cust_City not in ('Agra','Patna');
	iv. Select * from Customer where Cust_City !=Agra Cust_Ciyu!=Patna;
6)	State any two differences between single row functions and multiple row functions.
	What is the difference between the order by and group by clause when used along with the select
	statement. Explain with an example
7)	Give the output of :
	i) Select round(123.93);
	ii) Select round(123.93,1);
8)	Rohit writes the following command for a table Employee which has empno, name, sal as fields
	Select count(*) from employee;
	Select count(sal) from employee;
	He gets the output 10 for the first command but only 8 for the second, explain why?
9)	Consider the following SQL string: "Mental Toughness Helps You Succeed"
	Write commands to display following using functions:
	a. "Toughness"
	b. "Succeed"
	OR

Write SQL co a. the positio		bstring "Helps' in tl	he string "I	Mental Toug	hness Heli	os You Succee	d″
b. the first 6		• .					
		I having following d	lata:				
CCode	CarNar	, , , , , , , , , , , , , , , , , , ,	Color	Ca	pacity	Charges	
501	A-Star	Suzuki	Red	3		14	
503	Indigo	Tata	Silver	. 3		12	
502	Innova	Toyota	White	e 7		15	
509	Qualis	Toyota	Silver	• 4		14	
510	Wagon	R Suzuki	Red	4		35	
Write SQL Co	mmands fo	or the following :		·			
a. Display th	e average c	harges of each type	of car con	npany having	g capacity	more than 3.	
b. Count the	totalcars m	nanufactured by eac	ch compan ^a	y.			
		•	•	•			
c. Display the	e total char	ges of all the types	of vehicles		ons:		
c. Display the 1 Write the SO	e total char L functions	ges of all the types which will perform	of vehicles the follow	ving operatio	ons:		
c. Display the 1 Write the SO i) To display	e total char L functions the name o	ges of all the types which will perform f the month of you	of vehicles the follow birthdate	ving operatio	ons:		
c. Display the 1 Write the SQ i) To display ii) To remove	e total char L functions the name o spaces fro	ges of all the types which will perform of the month of you om the beginning of	of vehicles the follow birthdate a string, "	ving operatic Python".	ons:		
c. Display the Write the SQ i) To display ii) To remove iii) To display	e total char L functions the name o spaces fro the day of	ges of all the types which will perform of the month of you om the beginning of the week eg, Sund	of vehicles the follow r birthdate a string, " ay from cu	xing operatic Python". rrent date.	ons:		
c. Display the Write the SQ i) To display ii) To remove iii) To remove iii) To display iv) To display	e total char L functions the name o spaces fro the day of the startir	ges of all the types which will perform of the month of you om the beginning of the week eg, Sund ng 3 characters from	of vehicles the follow r birthdate a string, " ay from cu 1 your nam	xing operatic Python". rrent date.	ons:		
c. Display the Write the SQ i) To display ii) To remove iii) To remove iii) To display iv) To display v) To comput	e total char L functions the name o spaces fro the day of the startin te the powe	ges of all the types which will perform of the month of you om the beginning of the week eg, Sund ng 3 characters from er of 2 to the power	of vehicles the follow r birthdate a string, " ay from cu 1 your nam	xing operatic Python". rrent date.	ons:		
c. Display the Write the SQ i) To display ii) To remove iii) To remove iii) To display iv) To display	e total char L functions the name o spaces fro the day of the startin te the powe table : Sho	ges of all the types which will perform of the month of you om the beginning of the week eg, Sund ng 3 characters from er of 2 to the power	of vehicles the follow r birthdate a string, " ay from cu your nam 3	ving operatic Python". rrent date. e .		DateofOpen	
c. Display the Write the SQ i) To display ii) To remove iii) To remove iii) To display iv) To display v) To comput	total char L functions the name o spaces fro the day of the startin te the powe table : Sho	ges of all the types which will perform of the month of you om the beginning of the week eg, Sund ng 3 characters from er of 2 to the power SName	of vehicles the follow r birthdate a string, " ay from cu your nam 3 Area	ving operatic Python". rrent date. e . Bonus		DateofOpen 2010-11-20	
c. Display the Write the SQ i) To display ii) To remove iii) To remove iii) To display iv) To display v) To comput	e total char L functions the name o spaces fro the day of the startin te the powe table : Sho	ges of all the types which will perform of the month of you om the beginning of the week eg, Sund ng 3 characters from er of 2 to the power	of vehicles the follow r birthdate a string, " ay from cu your nam 3	ving operatic Python". rrent date. e .		DateofOpen 2010-11-20	
c. Display the Write the SQ i) To display ii) To remove iii) To remove iii) To display iv) To display v) To comput	total char L functions the name o spaces fro the day of the startin te the powe table : Sho	ges of all the types which will perform of the month of your om the beginning of the week eg, Sund ng 3 characters from er of 2 to the power SName ABC	of vehicles the follow r birthdate a string, " ay from cu your nam 3 Area	ving operatic Python". rrent date. e . Bonus			
c. Display the Write the SQ i) To display ii) To remove iii) To remove iii) To display iv) To display v) To comput	total char L functions the name of spaces fro the day of the startin te the powe table : Sho Id S001 S002 S003	ges of all the types which will perform of the month of your om the beginning of the week eg, Sund ng 3 characters from er of 2 to the power SName ABC Computronics All Infotech Tech Shoppe	of vehicles the follow r birthdate a string, " ay from cu your nam 3 Area CP GK II CP	ving operation ving operation Python". rrent date. le . Bonus 1000.89 2345.987 761.46		2010-11-20 2015-09-12 2013-07-25	
c. Display the Write the SQ i) To display ii) To remove iii) To remove iii) To display iv) To display v) To comput	e total char L functions the name of spaces fro the day of the startin te the powe table : Sho Id S001	ges of all the types which will perform of the month of you om the beginning of the week eg, Sund ag 3 characters from er of 2 to the power SName ABC Computronics All Infotech	of vehicles the follow r birthdate a string, " ay from cu your nam 3 Area CP GK II	ving operation ving operation Python". rrent date. ie . Bonus 1000.89 2345.987		2010-11-20 2015-09-12	

- a) Display shop name and bonus after rounding off to zero decimal places.b) Display the position of occurrence of the string "tech" in shop names.
- c) Display three characters from shop name starting from second character.
- d) Display the month name for the date of opening of shop
- e) Display the name of the shop in all capitals