S.	Practical		Date	Remarks
No.				
1.	Write a program to define: - a). Getdata(): - to input five subject marks (ob). Calculate(): - to calculate percentage and			
	Percentage	Grade		
	>90%	A1		
	75-90	A		
	60-75	B C		
	45-60			
	33-45 <33	D E		
_	c). Display():- to display percentage and grad Write a python program to:	de on screen.		
2.	 i. Create Generate() integer number rando number. ii. Define function GetNum() to get integer rando Generate() function, if number matched the Looser". 	y		
3.	Amritya Seth is a programmer, who has rece to perform the following binary file oper functions/modules: a. AddStudents() to create a binary file information – roll number, name and marks (b. GetStudents() to display the name and percentage greater than 75. In case there is n displays an appropriate message. The function	d t a		
4.	Write a method/ function SHOW_TODO() ABC.TXT and display those lines which have	е		
5.	Write a method/function COUNTLINES_E REPORT.TXT, and COUNT those lines whi 'T' and display the Total count separately.			
6.	A binary file named "TEST.dat" has some MaxMarks, ScoredMarks]. Write a function in Python named DisplayA argument and read the contents of TEST.da Average of the ScoredMarks of the passed Suscreen.	n		
7.	 i. Write a user defined function CreateFile() file. ii. Write a function CountRec(Author) in parameter and count and return number of both the binary file "Book.dat" 	s		
8.	Write a Python-MySQL Connectivity code to Database Employee Table. Operations: 1. Add New Employee Record 2. Display Existing Employee Details in 3. Update employee information with e 4. Remove existing by Employee id and exist. 5. Search Employee record by Employee			
9.	Write a Python-MySQL Connectivity code to Database Inventory Table.	o perform the following operation with "Bill	"	

Operations: 1. Make Entry of New Goods [ItemNo, Iname, Price, Quantity, Make] 2. Print Status of Stock 3. Modify Regular Selling Item Stock. 4. Search Item with Name of Item. Write PushOn(Book) and Pop(Book) methods/functions in Python to add a new Book and 10. delete a Book from a List of Book titles, considering them to act as push and pop operations of the Stack data structure. Write a function in python, pushme (stock, item) and popme(stock) to add a new item and 11. delete an item from the stock, considering them to act as push and pop operations of the Two list Lname and Lage contains name of person and age of person respectively. A list 12. named Lnameage is empty. Write functions as details given below (i) Push na():- it will push the tuple containing pair of name and age from Lname and Lage whose age is above 50 (ii) Pop na():- it will remove the last pair of name and age and also print name and age of removed person. It should also print "underflow" if there is nothing to remove Write a program to create a function AddCustomer(Customer) in Python to add a new 13. Customer information into the stack (list) CStack and display the information. Write a program to create a function DeleteCustomer() to delete a Customer information 14. from a list of CStack. The function delete the name of customer from the stack. Write a Program in Python that defines and calls the following user defined functions: 15. (i) ADD() – To accept and add data of an employee to a CSV file 'record.csv'. Each record consists of a list with field elements as empid, name and mobile to store employee id,

'record.csv'.

16. Table: EMPLOYEES

Empid	Firstname	Lastname	Address	City
010	Ravi	Kumar	Raj nagar	GZB
105	Harry	Waltor	Gandhi nagar	GZB
152	Sam	Tones	33 Elm St.	Paris
215	Sarah	Ackerman	440 U.S. 110	Upton
244	Manila	Sengupta	24 Friends street	New Delhi
300	Robert	Samuel	9 Fifth Cross	Washington
335	Ritu	Tondon	Shastri Nagar	GZB
400	Rachel	Lee	121 Harrison St.	New York
441	Peter	Thompson	11 Red Road	Paris

(ii) COUNTR() - To count the number of records present in the CSV file named

Table: EMPSALARY

Empid	Salary	Benefits	Designation	
010	75000	15000	Manager	
105	65000	15000	Manager	
152	80000	25000	Director	
215	75000	12500	Manager	
400	32000	7500	Salesman	
441	28000	7500	salesman	
501	18000	6500	Clerk	

Give the **Output** of following SQL commands:

employee name and employee salary respectively.

- (i) Select Employee.firstname, empsalary, salary from employees, empsalary where designation = 'Salesman' and Employees.empid=Empsalary.empid;
- (ii) Select count(distinct designation) from empsalary;
- (iii) Select designation, sum(salary) from empsalary group by designation having count(*) >2:
- (iv) Select sum(benefits) from empsalary where designation = 'Clerk';

	Query for Equi join and	d Non-equi join.			
Write a query to create the following table with Show structure of Table and Number of Tables in Current working Database. Table – Customer					
Name of Fie		Size	Constraints		
Cno	Integer	5	Primary Key		
Cname	Varchar	30	Not Null		
Gender	Char	1			
DOB	Date	-	>= "2003-01		
Amountpaid	l Float	10,2	Default "Fre		
Remarks	Varchar	100			
Name of the database -MyBag Name of the table - ITEMS The attributes of ITEMS are as follows: ItemNo – Numeric, ItemName – Character of size 20 ,Scode –Numeric,Quantity –Numeric Table: ITEMS					
ItemNo	ItemName	Scode	Quantity		
2005	Sharpener Classic	23	60		
2002	Get Pen Premium	21	150		
2006	Get Pen Classic	21	250		
1 1					
2001	Eraser Small	22	220		
2004	Eraser Small Eraser Big e MySports is considering	22	110		
A music store data. The deta The attributes SCoo Sport Noof	Eraser Big The MySports is considering all is as follow: The Name of the database of SPORTS are as followed as f	22 ng to maintain their e – MySports Sports ows:	110		
A music store data. The deta The attributes SCOO Sport Noof coach Table: SP	Eraser Big The MySports is considering all is as follow: The Name of the database of SPORTS are as followed as f	22 ng to maintain their e – MySports Sports ows:	110		
A music store data. The deta The attributes SCoo Sport Noof coach Table: SP	Eraser Big e MySports is considering ail is as follow: Name of the database of the Name of the table – Start of SPORTS are as followed and the character of size of the second of the	22 ng to maintain their e – MySports Sports ows: e 20 e 20	110 inventory using SQL		
A music store data. The deta The attributes Scode Table: SPOR	Eraser Big The MySports is considering all is as follow: The Name of the database of Name of the table – Start of SPORTS are as followed and the character of size of Spayers – numerical players – numerical players – character of size of Sport Sport Name Sport Name	22 ng to maintain their e – MySports Sports ows: e 20 e 20 No. of players	inventory using SQL		
A music store data. The deta The attributes Scool Noof coach Table: SPOR SCode S001	Eraser Big MySports is considering all is as follow: Name of the database Name of the table – Start of SPORTS are as followed as followe	22 ng to maintain their e – MySports Sports ows: e 20 e 20 No. of players 21	inventory using SQL Coachname Rahul Dravid		
A music store data. The deta The attributes Scoot Noof coach Table: SPOR SCode S001 S002	Eraser Big MySports is considering all is as follow: Name of the database Name of the table – Start of SPORTS are as followed and the character of size of SPORTS – numerical name – character of size of SportName Cricket Football	22 Ing to maintain their 2 — MySports Sports Sports E = 20 E = 20 No. of players 21 25	inventory using SQL Coachname Rahul Dravid Roshan Lal		
A music store data. The deta The attributes Scoo Sport Noof coach Table: SPOR SCode S001 S002 S003	Eraser Big MySports is considering all is as follow: Name of the database Name of the table – Start of SPORTS are as followed as followe	22 Ing to maintain their 2 – MySports Sports Sports 20 20 No. of players 21 25 40	inventory using SQL Coachname Rahul Dravid Roshan Lal Sardar Singh		

b) Display details about structure of table.c) Insert the following data into the attributes SCode, SportName and No. of players

respectively in the given table SPORTS.

SCode = S007, SportName = "Kabbadi" and Noofplayers = 15	
d) To delete Column "SCode" and Another Column "SID" with appropriate column type	
and constraints.	