

Solution Sample paper- 05

Q.1	(c) ssum1
Q.2	(d) all of the mentioned
Q.3	(b) def
Q.4	Data={"Exam": "PB", "Year" : "2013" }
Q.5	(a) True
Q.6	(a) ['KV S', 'gath', '']
Q.7	(b) wb
Q.8	(c) Drop
Q.9	(b) Drop Table
Q.10	Idyalaya (not given options)
Q.11	(b) Distinct
Q.12	tell () : it is the function in python that works in file handling. It will return the location of file pointer in the file either in read or write mode. The value return by tell() always in integer and as number of bytes.
Q.13	Switch is B. Unicast device (Hub is broadcast device)
Q.14	(c) 27.7
Q.15	(a) sum(*)
Q.16	connect () function: this function used to establish the connection between Python Interface and SQL interface. It essentially requires some parameters as host="localhost" , user="root" , password="" And some optional parameters as database=""
Q.17	(c) A is True but R is False
Q.18	(a) Both A and R are true and R is the correct explanation for
Q.19	<u>def swap(a,b):</u> # def in small letter and colon is missing c=a a=b b=c print("a is",a,"b is",b) #main() a=int(input("enter in a ")) b=int(input("enter in b")) <u>swap(a,b)</u> #calling a function # swap should in small letter because it is defined as swap
Q.20	
Q.21	a) $5 // 10 * 9 \% 3 ** 8 + 8 - 4$ answer: 4 b) $65 > 55$ or not $8 < 5$ and $0 != 55$ answer: True
Q.22	
Q.23	IMAP: Internet Message Access Protocol sHTTP: Secure Hyper Text Transfer Protocol URL: Uniform Resource Locator POP3: Post Office Protocol-3
Q.24	{'Rohan': 67, 'Ahasham': 78, 'pranav': 79, 'naman': 89} 67 145 224 313 sum of values of dictionaries 313 OR----- OUTPUT: 15

Q.25	DDL: Data Definition Language: Ex. CREATE, ALTER, DROP DML: Data Manipulation Lanuae: Ex. SELECT, INSERT, UPDATE, DELETE OR ----- SQL function to calculate sum of numeric values: sum(attribute_name)																												
Q.26	<p>i. <u>Event</u> <u>NumPerformers</u></p> <table border="0"> <tr> <td>Engagement</td> <td>12</td> <td></td> <td></td> </tr> <tr> <td>Wedding</td> <td>15</td> <td></td> <td></td> </tr> </table> <p>ii. <u>max(FeeCharged)</u> <u>min(FeeCharged)</u></p> <table border="0"> <tr> <td>300000</td> <td>100000</td> <td></td> <td></td> </tr> </table> <p>iii. <u>Event.Event</u> <u>Event.NumPerformers</u> <u>Celebrity.Phone</u> <u>Celebrity.FeeCharged</u></p> <table border="0"> <tr> <td>Birthday</td> <td>10</td> <td>6546454654</td> <td>250000</td> </tr> <tr> <td>Engagement</td> <td>12</td> <td>6546454654</td> <td>250000</td> </tr> <tr> <td>Promotion Party</td> <td>20</td> <td>4654656544</td> <td>300000</td> </tr> <tr> <td>Wedding</td> <td>15</td> <td>9854664654</td> <td>100000</td> </tr> </table>	Engagement	12			Wedding	15			300000	100000			Birthday	10	6546454654	250000	Engagement	12	6546454654	250000	Promotion Party	20	4654656544	300000	Wedding	15	9854664654	100000
Engagement	12																												
Wedding	15																												
300000	100000																												
Birthday	10	6546454654	250000																										
Engagement	12	6546454654	250000																										
Promotion Party	20	4654656544	300000																										
Wedding	15	9854664654	100000																										
Q.27	<pre>def countwords(): f=open("myfile.txt",'rt') data=f.read() rec=data.split() count=0 for w in rec: if(w=='the' or w=='this'): count+=1 print("Count of the/this in file:", count) f.close()</pre> <p>OR -----</p> <pre>def countwords(): f=open("myfile.txt",'rt') rec=f.read() count=0 for ch in rec: if(ch in "aeiouAEIOU"): count+=1 print("Count of vowels in file: ", count) f.close()</pre>																												
Q.28	<p>i. <u>count(oublisher)</u></p> <p>3</p> <p>ii. <u>MAX(Price)</u></p> <p>650</p> <p>lii <u>count(distinct publisher)</u></p> <p>2</p>																												
Q.29	<pre>def INDEX_LIST(L): sum=0 for n in L: if(n%2==1): sum+=n return(sum)</pre>																												

	<pre>s=INDEX_LIST([2,5,4,7,6,3]) print("Sum of Odd Numbers in List: ",s)</pre>
Q.30	<pre>Lname=['Ajay','Komal','Tina','Sarthak'] Lage=[45,52,32,81] Lnameage=[] def Push_na(): for i in range(len(Lage)): if(Lage[i] >50): tup=(Lname[i],Lage[i]) Lnameage.append(tup) print("Lnameage list contains: ",Lnameage) def Pop_na(): if(len(Lnameage)==0): print("Stack Underflow") else: tup=Lnameage.pop() print("The name removed is ",tup[0]) print("The age of person is ",tup[1]) Push_na() Pop_na() OR ----- stu={1201:85,1202:58,1203:65,1204:41} stack_roll=[] stack_mark=[] print("Disctionary cintains: ",stu) def Push_stu(): for rn in stu: if(stu[rn]>60): stack_roll.append(rn) stack_mark.append(stu[rn]) print("After Push, Roll No Stack Contains: ",stack_roll) print("After Push, Marks Stack Contains: ",stack_mark) def Pop_stu(): if(stack_roll==[]): print("Underflow Stack, Nothing to remove") else: print("Roll No. Removed: ",stack_roll.pop()) print("Mark Removed: ",stack_mark.pop()) Push_stu() Pop_stu()</pre>
Q.31	<p>(a) Human Resource, because there are maximum number of computers (b) (ii) Satellite Link (c) (ii) Switch (d) two popular open Source Operating system: 1. Ubuntu, 2. Florida (e) layout – draw yourself</p>

Q.32

(a) 105#6#

(b)

```
import mysql.connector as pymysql
dbcon=pymysql.connect(host="localhost", user="root", password="sia@1928")
cur=dbcon.cursor()
cur.execute(query)
dbcon.commit()
```

OR -----

(a) Output: sELCcME&Cc

(b) Statement 1: mycursor=con1.cursor()

Statement 2: mycursor.execute("SELECT * FROM student WHERE marks>75")

Statement 3: data=mycursor.fetchall()

Q.33

(i)

```
import csv
def ADD():
    f=open("record.csv",'w')
    eid=input("Enter Employee ID : ")
    name=input("Enter Employee Name : ")
    sal=int(input("Enter Employee Salary : "))
    rec=[eid,name,sal]
    wobj=csv.writer(f)
    wobj.writerow(rec)
    f.close()

def COUNTER():
    f=open("record.csv",'r')
    robj=csv.reader(f)
    count=0
    for rec in robj:
        count+=1
    print("No. of Records in csv file are: ",count)
    f.close()
```

OR -----

```
import csv
def add():
    f=open("furdata.csv",'w')
    fid=input("Enter Furniture ID : ")
    fname=input("Enter Furniture Name : ")
    fprice=int(input("Enter Furniture Price : "))
    rec=[fid,fname,fprice]
    wobj=csv.writer(f)
    wobj.writerow(rec)
    f.close()
```

```
def search():
```

	<pre>f=open("furdata.csv",'r') robj=csv.reader(f) count=0 for rec in robj: if(rec[2]>10000): count+=1 print("No. of Records in csv file are: ",count) f.close()</pre>
Q.34	<p>(i) Roll_No (ii) Degree: 8 Cardinality: 5 (iii) (a) INSERT INTO result VALUES(108, "Aadit" , 470, 444, 475, "Div – I") (b). UPDATE result SET SEM2=SEM2+(3/100*SEM2) WHERE SNAME LIKE 'N%' ;</p> <p>OR -----</p> <p>(a) DELETE * FROM result WHERE DIVISION = 'IV' ; (b) ALTER TABLE result ADD REMARK VARCHAR(50) ;</p>
Q.35	<p>(i) Statement 1: import pickle (ii) Statement 2: fout=open("extra.dat ",'wb') (iii) Statement 3: rec=pickle.load(fin) (iv) Statement 4: pickle.dump(rec,fout)</p>