COMPUTER SCIENCE BOARD PRACTICAL EXAM (2020-21)

SET B

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CLASS : 12TH A

BOARD ROLL NO : 14605271

Q1.

SOURCE CODE :

```
import pickle
def write():
  record=[]
  while True:
    dish=input("ENTER THE DISH ITEM=")
    quantity=int(input("ENTER THE QUANTITY="))
    price=int(input("ENTER THE PRICE="))
    data=[dish,quantity,price]
    record.append(data)
    opinion=input("DO YOU WANT TO ENTER MORE DATA(YES/NO)?=")
    if opinion=="NO":
            break
```

```
    file=open("Resturant.txt","wb")
    pickle.dump(record,file)
    file.close()
def read():
     file=open("Resturant.txt","rb")
     data=pickle.load(file)
     print("DATA AFTER READING=")
     print(data)
     file.close()

def main():
    write()
    read()

if __name__ == "__main__":
    main()
```

OUTPUT :

```
================ RESTART: C:\Users\computer\Downloads\binary.py
================
ENTER THE DISH ITEM=DOKHLA
ENTER THE QUANTITY=21
ENTER THE PRICE=232
DO YOU WANT TO ENTER MORE DATA(YES/NO)?=YES
```

ENTER THE DISH ITEM=VADA PAV

ENTER THE QUANTITY=12

ENTER THE PRICE=1211

DO YOU WANT TO ENTER MORE DATA(YES/NO)?=YES

ENTER THE DISH ITEM=PAU BHAJI

ENTER THE QUANTITY=1

ENTER THE PRICE=120

DO YOU WANT TO ENTER MORE DATA(YES/NO)?=NO

DATA AFTER READING=

[['DOKHLA', 21, 232], ['VADA PAV', 12, 1211], ['PAU BHAJI', 1, 120]]

>>>

Q2.

PART 1:

SQL WINDOW :

Enter password: *******

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 19

Server version: 8.0.21 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> create database library;
Query OK, 1 row affected (0.17 sec)

mysql> use library;
Database changed
mysql> create table book(id int,name varchar(100),subject varchar(100),quantity int);
Query OK, 0 rows affected (2.47 sec)

mysql> insert into book values(1,"ncert maths 12","maths",50);
Query OK, 1 row affected (0.20 sec)

mysql> insert into book values(2,"ncert physics 12","physics",50);
Query OK, 1 row affected (0.25 sec)

mysql> insert into book values(3,"ncert chemistry 12","chemistry",50);
Query OK, 1 row affected (0.10 sec)

mysql> insert into book values(4,"ncert biology 12","biology",50);
Query OK, 1 row affected (0.18 sec)
```

```
mysql> insert into book values(5,"ncert cs 12","computer",25);
Query OK, 1 row affected (0.12 sec)

mysql> insert into book values(6,"ncert english 12","english",51);
Query OK, 1 row affected (0.13 sec)

mysql> insert into book values(7,"ncert history 12","history",50);
Query OK, 1 row affected (0.08 sec)

mysql> insert into book values(8,"ncert civics 12","civics",50);
Query OK, 1 row affected (0.16 sec)

mysql> insert into book values(9,"ncert geography 12","geography",50);
Query OK, 1 row affected (0.09 sec)

mysql> insert into book values(10,"ncert economics 12","economics",50);
Query OK, 1 row affected (0.17 sec)

mysql> select * from book;
+------+--------------------+-----------+----------+
| id   | name               | subject   | quantity |
+------+--------------------+-----------+----------+
|    1 | ncert maths 12     | maths     |       50 |
```

| 2 | ncert physics 12 | physics | 50 |

| 3 | ncert chemistry 12 | chemistry | 50 |

| 4 | ncert biology 12 | biology | 50 |

| 5 | ncert cs 12 | computer | 25 |

| 6 | ncert english 12 | english | 51 |

| 7 | ncert history 12 | history | 50 |

| 8 | ncert civics 12 | civics | 50 |

| 9 | ncert geography 12 | geography | 50 |

| 10 | ncert economics 12 | economics | 50 |

+------+-------------------+-----------+----------+

10 rows in set (0.00 sec)

PART 2:

INPUT(PYTHON WINDOW):

```
import mysql.connector

mycon=mysql.connector.connect(host="localhost",user="root",passwd="IIT-JEE",database="
library")

cursor=mycon.cursor()

st='select name,quantity from book where subject="computer" '

cursor.execute(st)

data=cursor.fetchall()
```

```
print("[ NAME , QUANTITY ]")

for i in data:

   print(i)
```

OUTPUT:

```
========== RESTART:
C:\Users\computer\Downloads\binary.py
==========

[ NAME , QUANTITY ]

('ncert cs 12', 25)

>>>
```