```
        else {
            System.out.println("strings are not
                                anagrams");
        }
    }
    else {
        System.out.println(str1 + " and " + str2 + " are not
                           anagram");
    }
}
```

(3)

Q2)

2) Thread

Ans* A thread is a thread of execution in a program. The Java Virtual Machine allows an appln to have multiple threads of execution running concurrently.

ex using Runable interface.

(2)

```
public class RunableExample implements Runnable
{
    public void run() {
        System.out.println("Hello, world");
    }
    Public static void main (String [] args) {
        RunableExample ~~implements~~ runable =
                new RunableExample ();
        Thread thread = new Thread (runable);
    } }  thread.start ();
```

```
System.out.println("Name" + resultSet.getString
                   ("name"));
System.out.println("Price" + resultSet.getInt
                   ("price"));
Conne  conn.close();
}}
```

2) WAP to check whether the string is anagram or not.

→
```
public class TestStringAnagram {
    public static void main(String[] args)
    {
        String str1 = "Vaibhav";
        String str2 = "Karan";
        str1 = str1.toLowerCase();
        str2 = str2.toLowerCase();
        if (str1.length() == str2.length())
        {
            char[] charArray1 = str1.toCharArray();
            char[] Array2 = str2.toCharArray();

            Arrays.sort(Array1);
            Arrays.sort(Array2);
        boolean result = Arrays.equals(Array1, Array2)
        if (result) {
            System.out.println(str1 + " " + str +
                               "are anagrams");
```

Q2)

1) What is HashMap and ArrayList class of Coll^n?

2) What is Thread() How to create using Runnable interface?

1) Ans ⇒ i) HashMap :- - items are stored in keyValue pair.
- items do not maintain any order when added. The data is unordered.
- data types are specified using wrapper classes of primitive datatype.

ex
```
import java.util.HashMap;
public class Main {
    public static void main(String[] args)
    {
        HashMap<String, String> city =
                new HashMap<String, String>();
        city.put("Pune", "Nagar");
        city.put("Delhi", "Mumbai");
        System.out.println(city);
    }
}
```
(2)

ii) ArrayList :- - The ArrayList class is a resizable array,
- which can be found in the java.util package.
- The difference is in array and ArrayList is array cannot be modified where as ArrayList can be modified.

Syntax :
```
import java.util.ArrayList;
ArrayList<> obj = new ArrayList<>();
```

Q3)

1) Write a program to create a table of mobile app using Java application mobile id, name, price, Also insert and display the details of mobile using ResultSet interface.

⇒

```
public class Mobile {
    public static void main (String [] args)
    {
        Connection conn = DriverManager.getConnection
                ("jdbc:mysql://
                localhost:/mobile",
                "root", "swit");
    Statement stmt = conn.createStatement ();
    smt.execute (" CREATE TABLE mobile_apps
                (id INT, name VARCHAR(30),
                price INT);
    smt.execute ("INSERT INTO mobile_apr
                (id, name, price) VALUES
                (01, "OPPO", 22000),
                (02, "Vivo", 22300),
                (03, "Apple", 68000);
    ResultSet resultSet = smt.execute (" SELECT *
                FROM mobil_app");
    while (resultSet.next())
        {
        System.out.println (" ID " + resultSet.getInt
                (" id"));
```

Test - 2 Batch - J30

Vaibhav Ramkisan Chopade

3+4+9+5 / 5+5+10 = 16.5/20 = 8.25/10

Q 1)

1) select the packages in which JDBC are defined?

ans → d) ~~jdbc~~ sql and ~~javac.jdbc.sql~~ javac.sql (1) Underlined?

2) which two are valid constructors for Thread? (1)

ans → ~~iii) 1 and 2~~ iii) 1 and 2

3) A HashMap allows the existence of.

ans → b) one null key.

4) which of this method of class StringBuffer is used to concatenate the string representation to the end of ~~invo~~ invoking string?

ans → c) join ✗

5) The Comparable Interface contains which called?

ans → a) toCompare() (1)