FY BSc IT Semester 1 YEAR- 2021-2022
Time Table - INTERNAL PRACTICAL EXAM
Subject : Structured programming methodology

Date: 14/02/22   Marks:60
SET A(Odd PC numbers)

Q-1 Write a java program to input paragraph from user and perform the following operations on Strings:

** Use switch case to perform following menu:

1. Print each character of the paragraph and also print length of the paragraph.
2. Find vowels and consonants in given paragraph.
3. Print the paragraph in reverse order.
4. To take the last three characters from a given inputted String word and add the three characters at both the front and back of the string. String length must be greater than three and more.
   Example
           Input   "Python"
           Output: honPythonhon

Q-2 Write an algorithm and draw the flowchart to find greater of 4 numbers

Q-3 Consider the following java code and perform the following:
1. Convert manual input to dynamic user input.
2. Make the table in the supplementary with columns :
   Sr.no   Type of error   Line number of error   Solution

```
import java.util.*;
class a44
{
  public static void main(String[] args)
```

```
{
    String s1="hello"
    String s2="world",
    String s3="";
    Scanner dis=new Scanner(System.in);
    for(int i=0;i<=s1.length()-1;i++);
    {
        s3=s3+s1.charAt(i);
    }
     for(int i=0;i<=s2.length()-1;i++);
    {
        s3=s3+s2.charAt(i);
    }
    system.ot.println("The concat string is"+"s3");
}
```

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SET B(Even PC numbers)

Q-1 Write a java program to input an array elements from user and perform the following operations on Array:

** ** Use switch case to perform following menu:

1. Print each element of an array and also print length of an array.
2. Display odd position elements of an array.
3. Print an array in reverse order.
4. Copy even position elements of an array to another new array

Q-2 Write an algorithm and draw the flowchart to display 1 to n numbers

Q-3 Consider the following java code and perform the following:
1.   Convert manual input to dynamic user input.
2.   Make the table in the supplementary with columns :

Sr.no	Type of error	Line number of error	Solution

```
import Java.io.*;
public class t18
{

  Public static void add()
  {
     int a=10;
     int b=20;
  }
  public void display()
  {
     int c=a+b;
```

```
        system.out.println("The sum is"+"c");
    }
public static void main(String[] args)
{

    t.add();
    t.disp():
}
```