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

Date: 15/02/22   Marks:60

SET A(Odd PC numbers)

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

** Use switch case/if else if statement to perform following menu:

1. Print substring of last three characters of given inputted string
2. Find spaces and special symbols($,*,!) in given paragraph.
3. Copy first half inputted string in another String

Q-2 Write an algorithm and draw the flowchart **for displaying first 10 even numbers.**

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

Sr.no	Type of error	Line number of error	Solution

```
import Java.util.*;
public class t5
{

  public static void main(String[] args) {
    int a=50,
    int b=20;
    int c=10;
    if(a<b && a<c)
    {
      system.out.println(A is lesser");
```

```
    }
    else if(b<a && b<c)
    {
        System.Out.println("B is lesser")
    }
    else if(c<a && c<b)
    {
        System.out.pintln("C is lesser"),
    }
    System.out.println(Outer block);
    }

}
```

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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/if else if statement to perform following menu:

1. Search given element in an array.
2. Copy odd position elements of an array to another array.
3. Print sum of all elements of an array

Q-2 Write an algorithm and draw the flowchart **for displaying first 10 odd numbers.**

Q-3 Consider the following java code and perform the following:

1.   Convert manual input to dynamic user input(taking value from user).

2.   Make the table in the supplementary with columns :

Sr.no   Type of error   Line number of error   Solution

```
imprt java.Util.*;
public class t21
{
   public static add(int x, int z)
   {
      int c=x+z;
      System.out.println("The addition is"+c)
   }
   Public static void sub(int x,int z)
   {
      int c=x-z;
```

```java
            System.out.println("The substraction is"+c)
    }
    public static void main(String[] args)
    {
        scanner dis=new scanner(System.in);
        int c=10;
        int d=20;
        add(c,d);  //function call  //pass by value  add(70,60)
        sub(c,d);
    }

}
```