Dakshin Gobindapur, Sonarpur, Kolkata – 7000145

Affiliated to

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

(Formerly Known as West Bengal University of Technology)

Department of Electronics & Communication Engineering

Continuous Assessment – 3

Full Marks: 25

Name of the Student : Moutrisha Das

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Year : 2nd 1st /2nd /3rd /4th Semester : 5th 1st /3rd /5th /7th

Name of the Subject: Web Technogy

Subject Code : EC 704 A Session: 2022-2023

Signature of Invigilator(s)

1. a) ii) Use of pointers

b) iii) compilation

c) i) 32 and 64

d) c) char []ch = new char[5]

2)
```
import java.lang.*;
class EvenOdd
{
  public static void main(String args[])
  { int i,sum_o=0, sum_e=0;
    System.out.println("Even numbers:");
    for(i=2; i<=100; i=i+2)
    {
      System.out.println(i+" ");
      sum_e = sum_e + i;
    }
    System.out.println("Odd numbers:");
    for(i=1; i<=100; i=i+2)
    {
      System.out.println(i+" ");
      sum_o = sum_o + i;
    }
    System.out.println("sum of even numbers = "+sum_e);
    System.out.println("sum of odd numbers = "+sum_o);
  }
}
```

3)
```
import java.util.Scanner;
class Calculate
{
public static void main(String args[])
  {
    Scanner sc = new Scanner(System.in)
    int z,x,y,c;
    x = sc.nextInt
```

```
int ch, l, b, s, r, ars, ar, arc;
System.out.println("1. Area of Rectangle");
System.out.println("2. Area of square");
System.out.println("3. Area of Circle");
System.out.println("Enter your choice (1-3): ");
ch = sc.nextInt();
switch(ch)
{ case 1:
        System.out.println("Enter length & breadth:");
        l = sc.nextInt();
        b = sc.nextInt();
        ar = l*b;
        System.out.println("Area of Rectangle:" + ar);
        break;

  case 2:
        System.out.println("Enter side of square:");
        s = sc.nextInt();
        ars = s*s;
        System.out.println("Area of square:" + ars);
        break;

  case 3:
        System.out.println("Enter radius of circle:");
        r = sc.nextInt();
        arc = 3.14*r*r;
        System.out.println("Area of circle:" + arc);
        break;

  default:
        System.out.println("Enter valid option");
}
}
```

(5)

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

```
{
int x, y, z, ch;
Scanner sc = new Scanner(System.in);
System.out.println("Enter the 1st number");
x = sc.nextInt();
System.out.println("Enter the 2nd number:");
y = sc.nextInt();
System.out.println("1. Add");
System.out.println("2. Subtract");
System.out.println("3. Multiplication");
System.out.println("4. Division");
System.out.println("5. Remainder.");
System.out.println("Enter your choice:");
switch(ch)
{
case 1:
        z = x+y;
        System.out.println("Addition = "+z);
        break;
case 2:
        z = x-y;
        System.out.println("Subtraction = "+z);
        break;
case 3:
        z = x*y;
        System.out.println("Multiplication = "+z);
        break;
case 4:
        z = x/y;
        System.out.println("Division = "+z);
        break;
case 5:
        z = x%y;
        System.out.println("Remainder =
        break;
default:
        System.out.println("Give valid choice");
}
}
```

6)
```
import java.util.*;
public class Comission
{
  public static void main(String args[])
  {
    Scanner sc = new Scanner(System.in);
    System.out.println("Enter sales:");
    int s = sc.nextInt();
    float c;
    if(s < 10000)
    {
      c = (s * 5)/100;
    }
  else if(s >= 10000 && s < 50000)
    { c = (s * 10)/100;
  else if(s >= 50000 && s < 100000)
      { c = (s * 20)/100;
    else if(s >= 100000)
      { c = (s * 30)/100;
  System.out.println("Comission is: " + c);
  }
}
```

(5+)