Vidyavardhini's College of Engineering and Technology

Department of Artificial Intelligence & Data Science

AY: 2024-25

Class:	SE	Semester:	III
Course Code:		Course Name:	OOPJ

Name of Student:	Aman Mehtar
Roll No. :	32
Assignment No.:	06
Title of Assignment:	
Date of Submission:	
Date of Correction:	

Evaluation

Performance Indicator	Max. Marks	Marks Obtained
Completeness	5	5
Demonstrated Knowledge	3	3.
Legibility	2	1
Total	10	09.

Performance Indicator	Exceed Expectations (EE)	Meet Expectations (ME)	Below Expectations (BE)
Completeness	5	3-4	1-2
Demonstrated Knowledge Legibility	3	2	1
Legibility	2	1	0

Checked by

Name of Faculty : Ms. Neha Raut.

Signature :

Date :

Q1) Create a graphics Java Program to draw Oval and a filled Oval of different and equal diameter. Draw output and explaining the same.

Ans:-

```java
import java.awt.*;
import javax.swing.*;

public class OvalDrawing extends JPanel {
    @Override
    protected void paintComponent (Graphics g) {
        super.paintComponent (g);
        g.drawOval (50, 50, 150, 100);
        g.setColor (Color BLUE);
        g.fillOval (250, 50, 100, 100);
    }

    public static void main (String[] args) {
        JFrame frame = new JFrame ("Oval Drawing Example");
        frame.add (new OvalDrawing ());
        frame.setSize (400, 250);
        frame.setVisible (true);
    }
}
```
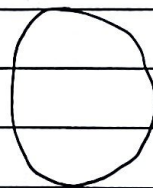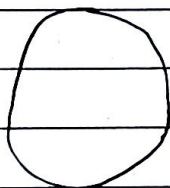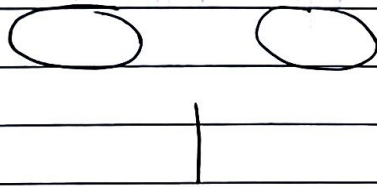
Output :-

Q2) Create a java graphics program to display

(○   ○)

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Ans:- Program :-

```
import   java.applet.Applet;
import   javax.swing.*;
import   java.swing.*;

public class FaceDrawing extends IPanel {
    @override
    protected void paintComponent (Graphics g)
    {
        super.paintComponent (g);
        g.drawOval (100, 50, 50, 25);
        g.drawOval (200, 50, 50, 25);
        g.drawLine (175, 100, 175, 100);
        g.drawLine (150, 200, 200, 200);
    }

    public static void main (String[] args) {
        IFrame frame = new IFrame ("Face Drawing Eg");
        frame.setDefaultCloseOperation (IFrame, EXIT_ON_CLOSE);
        frame.add( new (FaceDrawing()));
        frame.setSize (400, 300);
        frame.setVisible (true);
    }
}
```

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