GIMP PRACTICAL–3:
Working with Selection Tools

Objective

To understand and apply different **selection tools** in **GIMP** for selecting specific regions of an image for editing and manipulation.

Selection Tools Covered

- Rectangle Select Tool

- Ellipse Select Tool

- Free Select (Lasso) Tool

- Fuzzy Select (Magic Wand) Tool

- Select by Color Tool

- Intelligent Scissors (Scissors Select)

Lab Task–1: Rectangle Select Tool

To select a rectangular area of an image.

Steps to Perform

1. Open **GIMP**.

2. Click **File → Open** and load an image.

3. Select the **Rectangle Select Tool** from the toolbox *(Shortcut: R)*.

4. Click and drag to draw a rectangular selection.

5. Release the mouse to complete selection.

6. Apply any operation (fill color, copy, move, or delete) to observe the effect.

Lab Task–2: Ellipse Select Tool

To select a circular or elliptical area.

Steps to Perform

1. Open the image.

2. Select the **Ellipse Select Tool** *(Shortcut: E)*.

3. Click and drag to create an elliptical selection.

4. Hold **Shift** to create a perfect circle.

5. Modify or edit the selected region.

Lab Task–3: Free Select Tool (Lasso Tool)

To manually select irregular shapes.

Steps to Perform

1. Open the image.
2. Select the **Free Select Tool** *(Shortcut: F)*.
3. Click along the edges of the object to create anchor points.
4. Close the selection by clicking on the starting point.
5. Edit or move the selected portion.

Lab Task–4: Fuzzy Select Tool (Magic Wand)

To select connected areas of similar color.

Steps to Perform

1. Open the image.

2. Select the **Fuzzy Select Tool** *(Shortcut: U)*.

3. Click on an area of similar color.

4. Adjust the **Threshold** to increase or decrease selection range.

5. Use **Shift** to add and **Ctrl** to subtract from selection.

Lab Task–5: Select by Color Tool

To select all pixels of similar color across the image.

Steps to Perform

1. Open the image.

2. Select the **Select by Color Tool** *(Shortcut: Shift + O)*.

3. Click on a color in the image.

4. Adjust the **Threshold** slider.

5. Observe selection across the entire image.

Lab Task–6: Intelligent Scissors Tool

To precisely select objects with clear edges.

Steps to Perform

1. Open the image.

2. Select **Scissors Select Tool**.

3. Click along the edges of the object.

4. GIMP automatically snaps to edges.

5. Close the selection and click **Enter** to convert it into a selection.

6. Edit or extract the selected object.