

Course
&
Test Series

 CBSE

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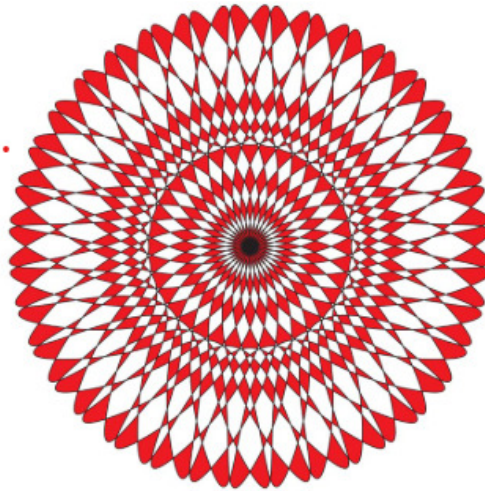
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Self Made Assignment - CorelDRAW

Transforming Object Shapes and Orientation



Instructions:

1. Start a New Document

- Open CorelDRAW and create a new blank page.

2. Draw the Base Shape

- Select the **Ellipse Tool (F7)**.
- Draw a **long vertical ellipse** (looks like a petal or eye shape). You can use the **Shape Tool (F10)** to adjust the curvature.

3. Duplicate and Rotate (to Create One Layer of Pattern)

- Select the ellipse.
- Press **Ctrl+D** to duplicate it.
- Use the **Transform Docker**:
- Go to **Window > Dockers > Transformations > Rotate**
- Set a **rotation angle**, e.g., 15° or 10° , depending on how dense you want the petals.
- Check **"Apply to duplicate"**
- Click **Apply** repeatedly until it forms a circular pattern ($360^\circ / \text{angle} = \text{number of copies you need}$).

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4. Group the Petals

- Select all the rotated ellipses.
- Press **Ctrl+G** to group them.

5. Duplicate the Entire Group & Resize

- Select the grouped petal circle.
- Press **Ctrl+D** to duplicate.
- Resize it **smaller** and **center-align** it using **Arrange > Align and Distribute > Center to Page** or shortcut key **P**.
- Repeat this step multiple times, making progressively smaller versions towards the center.
- For each new group, apply a different rotation (e.g., rotate the next group by 5° or offset it slightly).

6. Add Coloring

- Select individual or grouped shapes.
- Apply a **red fill** (or any other gradient you prefer).
- Set **outline to none** or apply a thin black outline for contrast.

7. Optional: Add Background or Circular Borders

- Use the **Ellipse Tool** to create border rings around the pattern.
- Adjust line thickness or color for visual balance.

8. Final Adjustments

- Zoom in and make sure all elements are aligned.
- Use **Object > PowerClip** if you want to confine your pattern inside a circle.
- Save your work in both **.CDR** (editable) and **.PNG** or **.PDF** (for submission).

