Chapter 6 – Introduction to CorelDRAW

Part I: Short Questions

Q1. What is CorelDRAW?

- CorelDRAW is a **vector graphics design software** used for creating logos, posters, brochures, and illustrations.

Q2. What kind of designing can be done using CorelDRAW?

- Logo design

- Business cards and brochures

- Posters and flyers

- Web graphics

- Vector illustrations

Q3. Is CorelDRAW a kind of media?

- No, CorelDRAW is **software**, not a media type.

- It is used to design different forms of **print and digital media**.

Q4. What are uses of Pick Tool?

- Selects, moves, resizes, rotates, and skews objects in CorelDRAW.

Q5. What file formats can be imported into CorelDRAW?

- JPG, PNG, GIF, PDF, AI, PSD, BMP, TIFF, SVG.

Q6. What is the difference between a Vector and a Raster image?

- **Vector:** Made of paths and shapes, scalable without quality loss.

- **Raster:** Made of pixels, loses quality when enlarged.

Q7. How do you align objects in CorelDRAW?

- Use **Align and Distribute** options (Arrange → Align).

Q8. How do you duplicate objects in CorelDRAW?

- Select object → Press **Ctrl + D** → Duplicate is created.

Q9. How do you weld or trim objects in CorelDRAW?

- **Weld:** Combines multiple objects into one.

- **Trim:** Removes overlapping part of an object.

Q10. How can you use nodes to reshape an object?

- Convert object to curves → Use **Shape Tool** → Add, delete, or move nodes to reshape.

Q11. What are Nodes in CorelDRAW?

- **Points** that define the shape of curves and paths.

Q12. How do you access the nodes of an object in CorelDRAW?

- Select object → Click **Shape Tool (F10)** → Nodes appear.

Q13. How do you add or delete nodes in CorelDRAW?

- **Add:** Right-click on path → Insert Node.

- **Delete:** Select node → Press Delete.

Q14. How do you move nodes in CorelDRAW?

- Select node with **Shape Tool** → Drag to new position.

Q15. What is the Simplify command in CorelDRAW?

- Removes overlapping parts of objects and simplifies shapes.

Q16. What are Back Minus Front and Front Minus Back commands in CorelDRAW?

- **Back Minus Front:** Removes overlapping area of back object using front object.

- **Front Minus Back:** Removes overlapping area of front object using back object.

Q17. What is the Smudge Brush Tool in CorelDRAW?

- Pushes or smears the edges of an object to create a distorted effect.

Q18. What is the Roughen Brush Tool in CorelDRAW?

- Adds **jagged or rough edges** to objects for textured designs.

Q19. What is the Crop Tool in CorelDRAW?

- Used to remove unwanted parts of an object or image.

Q20. What are the Knife and Erase Tools in CorelDRAW?

- **Knife Tool:** Cuts objects into two or more parts.

- **Erase Tool:** Erases parts of objects like a rubber.

Q21. What is the Virtual Segment Delete command in CorelDRAW?

- Deletes **specific segments of overlapping objects** without affecting the rest of the shape.

Q22. What is the Convert Outline to Object command in CorelDRAW?

- Converts an **outline (stroke)** into a **separate filled shape**.

✅ **Part II: Long Questions**

Q1. What is CorelDRAW, and what are its main features and functions?

- CorelDRAW is a **vector graphics editor**.
- **Features:**
    1. Shape and drawing tools
    2. Typography tools
    3. Advanced color management
    4. Node editing
    5. Import/export in multiple formats
    6. Effects (transparency, shadows, gradients)

Q2. What are the different kinds of designing that can be done with CorelDRAW?

- **Print media:** Logos, posters, business cards.
- **Digital media:** Web banners, icons, social media posts.
- **Product design:** Labels, packaging.
- **Illustrations:** Vector art, technical drawings.

Q3. What kinds of media can be used with CorelDRAW?

- **Print media:** Brochures, flyers, books.
- **Digital media:** Web designs, social graphics.
- **Advertising media:** Posters, billboards.
- **Text and images:** Imported for editing and layout.

Q4. What is the Pick Tool in CorelDRAW, and how can it be used?

- Used to **select and manipulate** objects.
- Functions: Move, resize, rotate, skew, and apply transformations.

Q5. How can you reshape objects using Nodes in CorelDRAW?

- Convert to curves → Use Shape Tool → Add, delete, or move nodes.
- Tips: Use fewer nodes for smoother curves, align nodes for symmetry.

Q6. How can you align objects in CorelDRAW?

- Use **Align and Distribute (Ctrl + A → Arrange → Align)**.

- Align left, right, top, bottom, center horizontally or vertically.

Q7. What is the Duplicate command in CorelDRAW?

- Creates exact copy of an object with **Ctrl + D**.

- Useful for patterns and repeating designs.

Q8. What are Welding and Trimming objects in CorelDRAW?

- **Weld:** Joins objects into one.

- **Trim:** Cuts away overlapping portions.

Q9. How can you Intersect objects in CorelDRAW?

- Select objects → Use **Intersect Tool** → Creates new shape where objects overlap.

Q10. What are Back Minus Front and Front Minus Back functions?

- Boolean operations used to **subtract shapes**:
    - **Back Minus Front:** Removes overlapping back object.
    - **Front Minus Back:** Removes overlapping front object.

Q11. What is the Smudge Brush Tool in CorelDRAW?

- Drags object edges for **organic, hand-drawn effects**.

Q12. What is the Roughen Brush Tool in CorelDRAW?

- Adds irregular outlines for **textured appearance**.

Q13. What is the Crop Tool in CorelDRAW?

- Removes unwanted areas of image/object.

Q14. What are Knife and Erase Tools?

- **Knife Tool:** Splits object into parts.

- **Erase Tool:** Deletes portions of objects.

Q15. What is the Virtual Segment Delete Tool?

- Deletes only the overlapping **segment of objects**.

Q16. How can you Convert Outline to Object in CorelDRAW?

- Select outline → Arrange → Convert Outline to Object.

- Useful for custom shapes.

Q17. Difference between Copy, Clone, and Duplicate command.

- **Copy (Ctrl + C, Ctrl + V):** Places a copy into clipboard to paste anywhere.

- **Clone:** Creates linked copy → changes in original reflect in clone.

- **Duplicate (Ctrl + D):** Creates instant copy, independent of original.

🌟 **Extra Important Questions**

Q1. Difference between CorelDRAW and Photoshop?

- CorelDRAW → Vector graphics.

- Photoshop → Raster graphics.

Q2. Write two uses of Boolean operations (Weld, Trim, Intersect).

- Used in **logo design and complex shape creation**.

Q3. What is difference between Align and Distribute in CorelDRAW?

- Align: Positions objects relative to each other.

- Distribute: Evenly spaces objects.