

Chapter 4 – Advanced Adobe Photoshop**Part I: Short Questions****Q1. Define Reflection Tool?**

- Photoshop doesn't have a direct reflection tool, but reflections are created using **Duplicate Layer + Flip Transform + Opacity Adjustment**.
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Q2. How to create reflection in Photoshop?

1. Duplicate the object layer.
 2. Flip it vertically (**Edit > Transform > Flip Vertical**).
 3. Move it below the original object.
 4. Apply **Gradient Mask or Lower Opacity** for realistic reflection.
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Q3. Use of Pen Tool in Photoshop?

- Used for **creating paths, shapes, and precise selections**.
 - Best for background removal and vector paths.
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Q4. How to type text in Photoshop?

- Select **Type Tool (T)** → Click on canvas → Type text.
 - Options: **Horizontal, Vertical, Path Text**.
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Q5. Define Glamour Effect.

- An editing technique that **smooths skin, brightens eyes, and enhances facial features** to make photos look glamorous.
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Q6. Define Layer Style.

- Predefined effects applied to layers like **Shadow, Stroke, Bevel, Glow, Gradient Overlay**.
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Q7. Define 3D Box.

- A shape that appears three-dimensional created by **using perspective, shading, and multiple rectangular shapes** in Photoshop.
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Q8. What is Gradient Effect in Photoshop?

- A smooth **blend between two or more colors**.
 - Found in **Gradient Tool (G)**.
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Q9. Define Shape Tool in Photoshop?

- Tool to create vector shapes like **Rectangle, Ellipse, Polygon, Custom Shape**.

Q10. How to create fabric folds?

- Use **Dodge Tool** for highlights + **Burn Tool** for shadows to create realistic folds.
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Q11. How to convert an image into a sketch?

1. Desaturate image (black & white).
 2. Duplicate layer → Invert.
 3. Change blend mode to **Color Dodge**.
 4. Apply **Gaussian Blur** to get pencil sketch effect.
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Q12. Define Pen Tool?

- A **path-drawing tool** used for smooth curves, cutouts, and vector design.
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Q13. How many types of Text in Photoshop?

1. **Point Text** – single line.
 2. **Paragraph Text** – block of text.
 3. **Path Text** – text follows a path or shape.
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Q14. How to rotate object in Photoshop?

- Select Layer → **Ctrl + T (Free Transform)** → Rotate using mouse or set angle in options bar.
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Q15. How many modes of Sponge Tool in Photoshop?

- **Two Modes:**
 1. **Saturate** – increases color intensity.
 2. **Desaturate** – reduces color intensity.
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 **Part II: Long Questions**

Q1. Define Filter in Photoshop and describe any 8 types of filters.

- **Filter:** Special effects that modify images.
- **Types:**
 1. **Blur** – softens image.
 2. **Sharpen** – enhances edges.
 3. **Distort** – warps images.
 4. **Noise** – adds or removes grain.
 5. **Pixelate** – creates mosaic effect.
 6. **Render** – adds effects like Clouds, Lens Flare.

7. **Sketch** – creates hand-drawn look.
 8. **Stylize** – adds glowing and embossed effects.
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Q2. Write the method of creating 3D Box in Photoshop.

1. Select **Rectangle Tool** and draw front face.
 2. Use **Transform > Skew/Perspective** to create sides.
 3. Add **Gradient & Shadows** for 3D effect.
 4. Group layers to finalize 3D box.
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Q3. Define Shape Tool and how to draw shapes in Photoshop?

- **Shape Tool:** Used to draw vector shapes (Rectangle, Ellipse, Polygon, Line, Custom Shape).
 - **Steps:**
 1. Select Shape Tool (U).
 2. Choose shape type in options bar.
 3. Click-drag on canvas to draw shape.
 4. Modify color, stroke, and fill from properties.
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Q4. Define Sponge Tool and Smudge Tool in detail.

- **Sponge Tool:**
 - Used to adjust color saturation.
 - Modes: Saturate / Desaturate.
 - **Smudge Tool:**
 - Used to **smear or blend pixels** as if smudging wet paint.
 - Helpful for skin retouching and digital painting.
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✨ Extra Important Questions

Q1. Difference between Dodge, Burn, and Sponge Tools?

- Dodge: Lightens areas.
- Burn: Darkens areas.
- Sponge: Adjusts color intensity.

Q2. What is the difference between Raster and Vector in Photoshop?

- Raster: Made of pixels (loses quality when zoomed).
- Vector: Made of paths (scalable without quality loss).

Q3. Write two uses of Gradient Effect.

- Used for **backgrounds, blending, and light effects.**

Q4. What is the difference between Smudge Tool and Blur Tool?

- Smudge: Pushes/blends pixels.
- Blur: Softens details.

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