Chapter 3 – Adobe Photoshop

Part I: Short Questions

Q1. Define Magic Wand Tool?

- A selection tool used to **select areas of similar color** in an image with one click.

- Tolerance value controls the range of colors selected.

Q2. Define Polygonal Lasso Tool?

- A selection tool used to draw **straight-edged selections** by clicking points around the object.

- Best for selecting objects with straight lines.

Q3. Define Pen Tool?

- A **path-creating tool** used to draw shapes, curves, and precise selections.

- Commonly used for cutouts and vector paths.

Q4. How to change colour with edit in Quick Mask Tool?

- Enter **Quick Mask Mode (Q key)**.

- Paint over the area with **Brush Tool**.

- Exit Quick Mask → selection is created.

- Apply new **Fill or Adjustment** to change color.

Q5. How to apply shining effect on a picture in Adobe Photoshop?

- Use **Lens Flare Filter** from Filter > Render > Lens Flare.

- Or apply **Outer Glow/Highlight** in Layer Styles.

Q6. How to apply brightening effect in Adobe Photoshop?

- Use **Image > Adjustments > Brightness/Contrast**.

- Or apply an **Adjustment Layer (Brightness/Exposure/Levels)**.

Q7. What is Photo Retouching?

- The process of **improving an image** by removing imperfections (spots, wrinkles, dust, scratches).

- Tools: Healing Brush, Clone Stamp, Patch Tool.

Q8. Define Tolerance?

- A setting in tools like Magic Wand that **controls the range of colors** selected.

- Higher tolerance = wider range, Lower tolerance = more precise.

Q9. How to remove glow from parts of image?

- Use **Eraser Tool** or **Layer Mask** to hide glow.

- Alternatively, reduce glow using **Smudge/Blur Tool**.

Q10. What is Sharpening in Photo Retouching?

- A technique to **enhance edges and details** in an image.

- Done using **Filter > Sharpen > Unsharp Mask/Smart Sharpen**.

✅ **Part II: Long Questions**

Q1. Describe Pen Tool in detail.

- Used for **drawing paths** and making precise selections.

- Types:
  - Path selection
  - Shape creation
  - Curved paths using anchor points

- Common Uses:
  - Background removal
  - Creating custom shapes
  - Making smooth curves

Q2. How to change colours with Edit in Quick Mask Mode?

1. Enter Quick Mask (press **Q**).

2. Select Brush Tool → paint area (red overlay).

3. Exit Quick Mask → painted part becomes selection.

4. Apply **Fill or Adjustment Layer** to change color.

Q3. Write the method of Photo Retouching in Photoshop.

- Open image in Photoshop.

- Use tools:
  1. **Healing Brush** → removes spots.
  2. **Patch Tool** → repairs large areas.
  3. **Clone Stamp** → copies pixels.
  4. **Dodge/Burn Tool** → lightens/darkens parts.

- Final step → apply **Sharpening** to enhance image.

Q4. Describe Magic Wand Tool of Photoshop.

- **Definition**: Selects pixels of similar color.

- **Steps**:

    1. Choose Magic Wand Tool.

    2. Click on area → Photoshop selects based on tolerance.

    3. Modify selection using Add/Remove options.

- **Uses**:

    o Background removal.

    o Selecting sky, solid colors, or flat backgrounds.

🌟 Extra Important Questions

Q1. Difference between Lasso Tool and Pen Tool?

- Lasso: Freehand selection, less accurate.

- Pen: Path-based, more precise.

Q2. What is the difference between Clone Stamp and Healing Brush?

- Clone Stamp: Copies exact pixels.

- Healing Brush: Blends copied pixels with surroundings.

Q3. What are Filters in Photoshop?

- Predefined effects used to modify images (e.g., Blur, Sharpen, Distort).

Q4. What is the difference between Brightness and Exposure?

- Brightness: Adjusts lightness/darkness of entire image.

- Exposure: Specifically adjusts light captured in highlights/shadows.