

Class 7th Subject – Computer

Chapter 10 – Introduction to Photoshop

A. Tick the correct option:

1. (b) Photoshop
2. (c) Dots per inch
3. (b) Resolution
4. (b) CMYK mode
5. (c) Selection Tool

B. True or False:

1. False
2. True
3. True
4. False
5. False

C. Fill in the blanks:

1. Lasso
2. Paint Brush
3. Edit menu
4. Type and text
5. Hang tool

D. Very short answer questions:

1. The three different modes that we can choose from in Photoshop are CMYK, Lab Colour and RGB.
2. The different selection tools are the Marquee, lasso and Magic Wand tool, crop tool and move tool.
3. The different formats in which we can open and save d=files in Photoshop are PSD (.psd), TIFF (.tif), Bitmap (.bmp), GIF (.gif), KPEG (.Jpg) and PDF (.pdf).

E. Short Answer Type Questions:

1. **Adobe Photoshop** is an image editing software developed by a leading software company named **Adobe Crop**. The software Photoshop was created and designed by **Thomas Knoll in 1987**. The three ways in which it helps us to manipulate images are:

(a) Modifying of Images

(b) Retouching Images or Photographs

(c) Creating Graphics

2. The Marquee Tools helps us to select a part or parts, of an image, when dragged over them. The portion over which it is dragged gets selected. There are different Marquee tools based on the shape are: Rectangular Marquee Tool, Elliptical Marquee Tool, Single Row Marquee Tool, Single Column Marquee Tool.

3. Magic Wand tool : It allows us to select parts of an image based on colour similarities.

(a) Open the required image by using the Open option of the File Menu.

(b) Select the Magic Wand Tool from the tool box. The shape of the pointer changes to Magic Wand.

(c) Click on a require colour. Pixels of a similar colour will get selected.

(d) All the area in the image except the main image is now selected. You can press the Delete key to delete background or colour the selected region (background) as required.

4. To create a new image file in Photoshop, follow the steps given below:

- i. Click on New from the standard toolbar, click on New from the File menu.
- ii. A new dialog box opens up for you to choose the settings for your new page, in terms of:
 - a. **Name:** It allows you to give a name to your file.
 - b. **Image Size:** In the section titled 'Image Size' use specify the size of image – width and height – in pixels, inches, centimeter, points or column across.
 - c. **Resolution:** Refers to the number of coloured dots – per inch (dpi) or pixels per inch.

5. The **foreground** colour is the one we use to paint, fill or stroke a selection. It is the colour that is currently on the brush or pencil. The **background** colour can be seen when you erase or delete a selected area on the background layer. It is actually the colour of the canvas under your image.

If you want to change the foreground or background colour, we click on any colour switch, a window open up displaying the colours available to choose from, and a colour picker that helps us to choose colours by clicking on them. The chosen colour is highlighted in the small colour squares.

F. Differentiate between:

1. Sharpen and Smudge tool.

The **Sharpen tool** helps to make softer areas sharper.

The **Smudge tool** helps to spread colours across the image like a smudge effect.

2. Crop and Move Tool:

The **Crop tool** is used to discard the portion of an image that is not required.

The **Move tool** is used to drag a selected part of the image to a new location in the image.

3. Polygonal lasso and Magnetic lasso:

Polygonal lasso: it has both straight and curved lines. This also allows us to specify the keynodes.

Magnetic lasso: It attracts the outline of image and specifies the key nodes automatically. We can also specify our own key nodes.