

Mid Term Exam

Q:1 Mention any 6 difference between GIMP and Photoshop software.

Ans : 1. GIMP is a Free image editing software.

2. Gimp is built with digital photography in mind
3. It is a lightweight software.
4. It is an open –source software .
5. Gimp usually not takes storage space more than 25MB.
6. Gimp is a community-centric tool.

Photoshop –

1. Photoshop is a paid image editing software.
2. It is a heavyweight software.
3. It is proprietary or close source software.
4. Photoshop has paid customers.
6. Photoshop supports windows and mac operating systems.

Q:2 How to export a GIMP raw file to PNG format?
Write all the steps.

- Ans: 1. Open the XCF file you wish to convert in GIMP.
2. Select File > Export As.
 3. Click on Select File Type (above the Help button).
 4. Select PNG Image from the list, then select Export.
 5. Adjust the settings to your liking, then select Export again.

Q:3 What are smart objects? Do we have them in GIMP?

Ans : GIMP does not (yet) support smart objects like in Photoshop (there's an open feature request about it), so the only way they could be imported would be by converting them into something

else that GIMP does handle (most likely, a simple "dumb" layer, or a set of layers).

Q : 4 What are filters?

Ans : the free encyclopedia. In signal processing, a filter is a device or process that removes some unwanted components or features from a signal. Filtering is a class of signal processing, the defining feature of filters being the complete or partial suppression of some aspect of the signal.

Q: 5 How can we use filters in GIMP? Write all the steps.

Ans: Using

1. Select the Brush Tool. Click the "Brush" icon on the main toolbar. This selects the brush as our current tool. ...
2. Draw Something. Draw a little stick man on your blank image. ...
3. Add a Filter. Now comes the fun part! ...
4. Add a Filter. A dialog will open that enables you to change the settings for this filter.

Q:6 Differentiate between monochrome and polychrome light?

Ans : Whereas standard color photography (known as polychrome) displays colors from across the spectrum, monochrome photography takes only one single color and uses a range of tones of that color. It can be achieved using varying shades of other colors like sepia or cyan.

Q:7 What is HDR?

Ans: In photography and videography, HDR or high-dynamic-range imaging is the set of techniques used to reproduce a greater range of luminosity than that which is possible with standard photographic techniques. Standard techniques allow differentiation only within a certain range of brightness.

Q:8 Mention any 5 tools in GIMP?

Ans: 1. Bucket Fill.

2. Pencil.

3. Paintbrush.

4. Eraser.

5. Airbrush.

Q:9 How can we sharpen an image in GIMP?

Ans: Sharpening a snapshot in GIMP is quick and easy: simply select the Filters > Enhance > Sharpen command from the main menu. A “Sharpen” dialog box pops up (see Picture 3) showing a single “Sharpness” slider to control the amount of sharpening to be applied, and a thumbnail to preview the effect visually.

Q:10 What are the benefits of using layers in GIMP?

Ans: Layers give you more control and flexibility over your image compositions. Layers enable you to stack images on top of other images all within the same image. Therefore, you can have multiple layers of images, stacked on top of each other.