

Textual exercises

A) Choose the correct answer.

- 1) When you open an image in GIMP, it appears as alayer in Layer Palette.
a) Foreground b) **Background** c) Upward
- 2) You can hide a layer toremove elements in that layer from view.
a) **Temporarily** b) Permanently c) Suspend
- 3)layer will not be displayed when you print.
a) First b) Last c) **Hidden**
- 4)tool is used to change the size of an image.
a) Rotate b) **Scale** c) merge
- 5)blend mode is used to make image brighter and funky.
a) **Dodge** b) Normal c) Dissolve

B) Write True / False of the following statements.

- 1) Layered GIMP files act like several images combined into one. [T]
- 2) You cannot combine, duplicate, and hide layers in an image in GIMP. [F]
- 3) You can delete a layer when you no longer need it. [T]
- 4) Merging layer stretches and squeezes area of your image. [F]
- 5) GIMP image editor has twenty one blending modes. [T]

C) Fill in the blanks.

- 1) The set layer boundary size dialog box shows the original **dimensions** of active layer.
- 2) **Flatten** layers combines all the layers of an image into one.
- 3) By decreasing the **opacity** of a layer, its transparency increases.
- 4) **Blending** modes specify how pixels in a layer should blend with the layers.
- 5) **Reordering** a layer changes the stacking order of layers to move elements forward or backward.

D) Define the following Blending Modes.

1. Dissolve: By using this mode, a black layer under image enables us to see the effect.
2. Soft light: By using this mode, a little soft brightness and a contrast is added in an image.
3. Multiply: By using this mode, image darkens but often preserves can burn out.

E. Differentiate between the following.

1. **Anchor Layer Icon:** It merges the selected or active layer with the layer below it.
Duplicate Layer icon: It creates a duplicate of the selected layer. By clicking on this icon, we can create many duplicate layers.
2. **Merging layers:** It lets us permanently combine information from two separate layers.
Flattening layers: It combines all the layers of an image into one.

F) Answer in one word:-

- 1) Which are the key components to work with graphic objects in GIMP?
A) Layers
- 2) Which option of layer panel is used to change the transparency of a selected layer?
A) Opacity
- 3) Which layer can manipulate elements in an image while keeping a copy of their original state?
A) Duplicating a layer
- 4) Which layers are used to combine all the layers of an image into one layer?
A) Flatten layers
- 5) Which layers can use to permanently combine information from two separate layers?
A) Merging layers
- 6) Which tool is used to change the shape of the objects in the layer?
a) Transform tool
- 7) Which modes are used to specify how pixels in a layer should blend with the layers below?
A) Blending modes
- 8) Give some blending modes in GIMP?
A) Dissolve, Dodge, addition, Overlay etc.
- 9) What is the extension of GIMP file?
A) .xcf
- 10) Which are the standard printing image formats that are supported by many applications?
A) TIFF and EPS

G) Write the full forms.

- 1) **TIFF – tagged Image File Format**
- 2) **EPS – Encapsulated PostScript**
- 3) **BMP – Bitmap**
- 4) **JPEG – Joint Photographic Experts Group**