**PHOTOSHOP # Round-27 #IDB-BISEW**

**1. What is different between raster and vector image?**

Raster images consist of pixels aligned in a grid. Pixels are those tiny dots of color that come together to form an image. Vector images consist of many individual objects, with each of these objects defined by mathematical statements. Increase and decrease the size of vector images to any degree. The size of the file stays the same and the image does not degrade.

**2. Vector image are resolution independent. Discuss**

Vector images are resolution independent. You can increase and decrease the size of vector images to any degree and your limes will remain sharp-be it on a computer monitor in print. The size of the file stays the same, and the image does not degrade.

**3. What is different between RGB and CMYK color mode?**

Red, green, blue are a computer monitor primary colors. Computer monitor’s work in RGB color space.

CMYK is another color model, which stands for cyan(blue), magenta(red), yellow and black.

CMYK removes color from a white background, whereas RGB adds color to a black background.

**4. What is meant by image dimension?**

The number of pixels contained in the width and height define the dimensions of an image. Example: An image 25 pixels wide by 25 pixels high .Web designers typically express that image as having dimensions of 25x25.

**5. What is DPI, PPI?**

DPI stands for Dots per Inch.web designers define image resolution in DPI.

PPI stands for Pixels Per Inch.web designers define image resolution in PPI.

**6. What is the best PPI resolution for WWW?**

The best resolution for WWW is 72 to 96 ppi you’ll want to use for your image.

**7. What is different between GIF and JPEG?**

GIF short for graphics interchange format, JPEG short for joint photographic experts group.GIF support transparency but something JPEG don’t support.

GIF have large flat areas and single color such as a diagram but JPEG have smaller file size that are not diagram.

**8. Five name bitmap and vector images.**

bitmap :gif , jpeg , tiff, png, bmp

Vector: ai, cdr, cgm, swf, dxf.

**9. What is palettes?**

Palettes are just a fancy word for dialog box. The palettes float around a top your images. Palettes contain added controls for Photoshop.

**10. What is toolbox?**

The toolbox contains multiple tools for creating, selecting and manipulating images.

**11. What is layer in Photoshop?**

Layers are pieces of transparent paper. Each layer in a Photoshop image is essentially an entire image itself.

**12. What is layers palette?**

The layers palette consists of several controls, including the layers themselves. Layers palette item: Blend mode, visibility toggle layer, layer name, opacity fill.

**13. How to link layers?**

First select the layers you want to link. You can do this by holding down the **Ctrl key** or the **Shift key** as you click on the layers you wish to link. Then click the link layers icon in the bottom left corner of the layers palette.

**14. Discuss the layer lick options.**

The layer lock options allow you to limit the ability to edit layers. There are four layer lock options:

1. Lock Transparent Pixels.
2. Lock Image Pixels.
3. Lock Position.
4. Lock All.

**15. Name the blending options for layers-Discuss any two layers.**

This option allows you to alter the way colors blend within your layers. Such as : Drop shadow, inner shadow, outer glow, inner glow, bevel and emboss, satin, color overlay, gradient overlay, pattern overly, stroke.

**16. What is layer set?**

Another useful organizing tool is to group layers of similar content into layer sets. Layer sets are folders into which you can collect several individual layers.

**17. What is selection?**

Selections are areas of an image you wish to isolate from the rest of an image, with this isolated portion or selection you can now modify this area or paste it onto another image.

**18. Name the selection tool.**

Marquee tools, lasso tools, crop tool, Move tool, Magic wand tool, slice tool, pen tool, painting tool.

**19. What is a lasso tool?**

These allow you to create irregularly shaped selections some Photoshop users like these tools.

**20. What is magic wand tool?**

The magic wand tool may have you thinking of the lord of the rings or harry potter. The magic wand tool works differently from other selection tools.

**21. What is the function of feather option and anti-alias option in PS?**

The softened edges around images-Where edges of an image gradually fade to transparent. In photoshop, this is known as feasting. Anti aliasing is Photoshop’s method of smoothing the jagged appearance of angled and curve lines.

**22. What is the function of crop tool?**

Like most tools available from Photoshop’s toolbox. The crop tool contains options. With the crop tool, there are two sets of options: these available before cropping and those available after cropping.

**23. What do you mean by opacity and perspective?**

The opacity allows you to define the color of the darkness of the shield color. The lighter the opacity, the more transparent the shield color. A shield color of 100% is pure black.

**Perspective**: This check box allows you to orient the crop selection. often the horizon becomes skewed-sometimes purposely by the photographer for dramatic effect.

**24. What is the function of lasso tool?**

For creating irregular selection.

**25. What is the function of path selection tool?**

The path selection tools allow you to edit your paths. It allows you to change, push, and pull the different areas of your path as needed.

**26. Which graphics format is best for web pages?**

There are four file formats from which you can choose to save the images for your web pages jpeg, gif, png24, and png8. So graphic format is best for your web pages. This is a topic that many web developer’s debate.

JPEG format supports 24-bit.gif format supports 8-bit.png-8is similar to the gif format.

**27. What you can do with Photoshop?**

Like any image-editing program, you can use Photoshop to "alter" images like photos, downloaded icons, or scanned artwork. Altering an image includes doing such things as changing the colors within an image, modifying the size and scale of an image, or putting one picture "within" another.

**28. What is WYSIWYG?**

**WYSIWYG** is an [acronym](http://en.wikipedia.org/wiki/Acronym) for "**What You See Is What You Get**". In [computing](http://en.wikipedia.org/wiki/Computing), a WYSIWYG editor is a system in which content (text and graphics) displayed onscreen during editing appears in a form closely corresponding to its appearance when printed or displayed as a finished product