


COMPUTER ILLUSTRATOR FINAL EXAM

Ans1. When we rasterize something which you created in Illustrator, we have converted a graphic from something made of outlines into something made of small colored dots i.e. pixels. During rasterization we are converting from vector to bitmapped and losing all of the vector information.

Ans2. Do any one of the following to create an artboard:-

- To create a custom artboard, select the Artboard tool , and drag in the document to define the shape, size, and location.
- To use a preset artboard, double-click the Artboard tool, select a preset and specify other options in the **Artboard Options** dialog box, and click **OK**. Drag the artboard to position it where you want.

Ans3. Steps:-

- i. Take a scanned image or logo and save it in a format that Illustrator can import from your image-editing program.
- ii. Choose File→Place to open the Place dialog box.
- iii. In the Place dialog box, locate the saved image; then select the Template check box and click Place.
- iv. Re-create the image by tracing over it with the Pen tool.
- v. When you're done, turn off the visibility of the placed image by clicking the Visibility icon to the left of the template layer.

Ans4. Pros of Illustrator:-

- i. Adobe Illustrators is a vector-based program so vector graphics created within Illustrator can be scaled to any size without losing their quality or overall resolution which is the most important pro of illustrator.
- ii. It provides a helpful user interface, you have an extra level of flexibility when working to customize your overall workspace.
- iii. It creates files in manageable sizes. Illustrator creates files that are relatively small which you can share quite easily.
- iv. It integrates very well with other Adobe products.
- v. It allows you to work multiple pages at once.

Ans5. Cons of illustrator:-

- i. There is limited photo editing.
- ii. It offers limited support for raster graphics.
- iii. It can't be used easily to modify images that are already created.
- iv. There is less editing features than photoshop.

Ans6. Features:-

- i. **Path Simplification**: - Easy and quick editing of complex paths by reducing the number of anchor points.
- ii. **Auto spell-check**:- All spelling errors highlighted right in the document as soon as you type the text.

- iii. **External GPU support:-** Illustrator will use external graphic processing units (GPU) on MAC computers along with Thunderbolt 3 running and above.
- iv. **Presentation mode:-** You can easily make use of a file in Illustrator to present your work. In this brand-new setting, each artboard ends up being a slide.
- v. **Adobe Fonts Integration:-** With the direct integration with Adobe Fonts, designers can access more than 14,000 fonts

Ans7. The latest version of Adobe Illustrator is January 2020 release (version 24.0.2).

Ans8.


- i. When I have to create a vector file which I can scale upto any size then I will use Illustrator over photoshop since it is vector based not pixel based like photoshop.
- ii. When i want to create a design or image from scratch.
- iii. I will use illustrator for creating logo for the websites since creating logos in photoshop is not that much great. Creating a logo in Photoshop cannot be enlarged or manipulated in the same manner that an Illustrator based logo can.
- iv. If I want to create some design in which I have to produce a free hand object for the best possible results.
- v. I will use Illustrator if I want any printout since it's not resolution-dependent.

Ans10. Layers are typically used to manage visibility and stacking order and the groups are typically used to bundle artwork that you want to stay together when moving or scaling.

Ans11. Adobe illustrator is a Vector based software not a raster based software. Illustrator uses mathematical constructs rather than pixels to create vector graphics which makes the illustrator files scalable to any size since it becomes resolution independent.

Ans12. Yes we can create artboard in Illustrator.

Do any one of the following to create an artboard:-

- To create a custom artboard, select the Artboard tool , and drag in the document to define the shape, size, and location.
- To use a preset artboard, double-click the Artboard tool, select a preset and specify other options in the **Artboard Options** dialog box, and click **OK**. Drag the artboard to position it where you want.

Ans14. Steps to create table in illustrator:-

- i. Open new file in illustrator.
- ii. Select the Rectangle Tool on the left sidebar.
- iii. Click and drag to create a rectangle.
- iv. With the rectangle is selected, Click the **Object** tab at the top
- v. Hover over **Path** on the Object menu.
- vi. Click **Split Into Grids** on the Path menu. This will open a new pop-up window.
- vii. Enter the number of rows and columns you want in your table.
- viii. Adjust **Height** and **Width** for rows and columns

ix. Click Ok in the pop-up window.

Ans15. The **Pucker tool** deflates an object by moving control points towards the cursor.

The **Bloat tool** inflates an object by moving control points away from the cursor.