**1) What is Materialize?**

Materialize is a CSS framework that contains library file. It is created with CSS, JavaScript and HTML. It helps to create attractive, reliable and functional web pages and web apps. It was released on 8 November 2015.

**2) What are the features of Materialize?**

* It is in-built responsive design.
* It is standard CSS with minimal footprint.
* It includes new versions of common UI controls. such as buttons
* It provides new versions of common user interface controls such as buttons, checkboxes, and text fields adapted to follow Material Design concepts.
* It facilitates enhanced and specialized features such as cards, tabs, navigation bars, toasts, and so on.
* It is cross-browser supported, and can be used to create reusable web components.
* It provides feature like cards, tabs, navigation bars, toasts, and so on.
* It requires jQuery, JavaScript library to function properly.
* It is free to use.

**3) How can we use Materialize?**

We can use Materialize in two ways:

* **Local Installation** – we can download the **materialize.min.css** and **materialize.min.js** files on our local machine and include it in our HTML code.
* **CDN Based Version** – we can include the **materialize.min.css** and **materialize.min.js** files into our HTML code directly from the Content Delivery Network (CDN).

**4) What are the utility classes in Materialize?**

Materialize provides different utility classes that are given below:

* **Color utility classes** – Examples: .red, .green, .grey etc.
* **Alignment utility classes** – Examples: .valign-wrapper, .left-align, .right-align, .center-align, .left, .right etc.
* **Hiding Content utility classes as per device size** – Examples: .hide, .hide-on-small-only, .hide-on-med-only etc.
* **Formatting utility classes** – Examples: truncate, hoverable etc.

**5) What are the classes to create responsive image and video in Materialize?**

There are following classes to create responsive and video that are listed table:

* **responsive-img:** This class is used to create an responsive image.
* **video-container:** It is used to create responsive container. That has embedded videos.
* **responsive-video:** It is used to create HTML5 videos responsive.

**6) What are Badges and its class in Materialize?**

A badge is a component that provides an onscreen notification. It can be a number or icon. It is used to emphasize the number of items.

The following classes of Badges are:

* **badge:** It identifies element as an MDL badge component.
* **new:** It is used to add a new class to badge component.

**7) What is the class of BreadCrumb in Materialize?**

Materialize provides two classes that are:

* **nav-wrapper:** It is used to set the nav component as breadcrumb/nav bar wrapper.
* **breadcrumb:** It is used to set the anchor element as breadcrumb.

**8) What do you mean by Dialogs in materialize?**

Materialize provides various method to show unremarkable alerts. It also provides a term toast form them. Following is given syntax:

1. Materialize.toast(message, displayLength, className, completeCallback);

**Where**

* **message:** It is used to displayed Message to the user.
* **displayLength:** Duration of the message after it will disappear.
* **className:** Style class to be applied to the toast. For example, ’rounded’.
* **completeCallback:** This Callback method to be called once toast is dismissed.

**9) What are the Materialize classes of Dropdowns?**

Materialize provides two dropdown classes that are given below:

* **dropdown-content:** It Identifies **<u>** HTML tag as an materialize dropdown component.
* **data-activates:** It is id of the dropdown ul element.