**Java script**

**1) JavaScript is developed by**

**Ans.:** JavaScript was invented by Brendan Eich in 1995. It was developed for Netscape 2, and became the ECMA-262 standard in 1997. After Netscape handed JavaScript over to ECMA, the Mozilla foundation continued to develop JavaScript for the Firefox browser. Mozilla's latest version was 1.8.5.

**2) Which of the following attribute of form tag is not set by using document objection JavaScript?**

**Ans.:**

**3) Javascript is a\_\_\_typed language.**

**Ans.:** javascript is a weakly typed and untyped language.

**4)What property would you use to redirect a visitor to another page?**

**Ans**.: Witha few lines of JavaScript code, you can redirect visitors to another URL. The recommended function is window. location. replace().

**5)What are the following looping structures are available in javascripts?**

**Ans.:** JavaScript supports different kinds of loops:

* for - loops through a block of code a number of times
* for/in - loops through the properties of an object
* for/of - loops through the values of an iterable object
* while - loops through a block of code while a specified condition is true
* do/while - also loops through a block of code while a specified condition is true

**6) What is mean by "this" keyword in javascript?**

**Ans.:** “This” keyword refers to an object that is executing the current piece of code. It references the object that is executing the current function. If the function being referenced is a regular function, “this” references the global object.

**7) Are java and javascript the same?**

**Ans.:** Java is an OOP programming language while Java Script is an OOP scripting language. Java creates applications that run in a virtual machine or browser while JavaScript code is run on a browser only. Java code needs to be compiled while JavaScript code are all in text.

**8) Choose the client-side JavaScript object**

**Ans.:** The FileUpLoad is a client-side JavaScript object.

**9) Which of the following is a single global function defined in the jQuerylibrary?**

**Ans.:** The jQuery library defines a single global function named jQuery() . This function is so frequently used that the library also defines the global symbol $ as a shortcut for it.

**10) Which of the following is a factory function?**

**Ans.:** jQuery() is a factory function rather than a constructor: it returns a newly created object but is not used with the new keyword. jQuery objects define many methods for operating on the sets of elements they represent.

**11) utility function in jQuery?**

## Ans.:

**jQuery.noConflict()** is the utility function in jQuery.

**12) what is a heavily overloaded function in jquery?**

**Ans.:** $ ()is a heavily overloaded function. It takes a single argument, and always returns a jQuery collection. Depending on the type of the +argument, it can do four different things: If the argument is a CSS selector, it returns a jQuery collection of DOM elements that match the selector.

**13) Which is the method that operates on the return value of $()?**

**Ans.:** The css() method sets or returns one or more style properties for the selected elements.

**(14) Consider the following code snippet<script src="jquery1.4.2.min.js"></script>What does the min mean?**

**Ans.:-** The "min" in the filename jquery1.4.2.min.js indicates that the JavaScript file is a minified version of the jQuery library with the version number 1.4.2. Minification is a process in which unnecessary characters like comments, whitespace, and line breaks are removed from the original source code to reduce its file size.

**(15) Which of the following is a utility function in jQuery?**

**Ans.:-** Explanation: jQuery. noConflict() is the utility function in jQuery.

**(16) Which of the following frameworks focuses on DOM and Ajax**

**utilities?**

**Ans.:-** The Prototype library and jquery

**(17) What is Responsive Design?**

**Ans.:-** Responsive design allows your website content to flow freely across all screen resolutions and sizes, and renders it to look great on all devices. It also makes it unnecessary to maintain different versions of your website for mobile and desktop and saves you time, resources and efforts.

**(18) What is the use of Bootstrap?**

**Ans.:-** Bootstrap makes responsive web design a reality. It makes it possible for a web page or app to detect the visitor's screen size and orientation and automatically adapt the display accordingly.

**(19) Explain bootstrap grid system ?**

**Ans.:-** Bootstrap's grid system allows up to 12 columns across the page.

If you do not want to use all 12 column individually, you can group the columns together to create wider columns:

Bootstrap's grid system is responsive, and the columns will re-arrange depending on the screen size: On a big screen it might look better with the content organized in three columns, but on a small screen it would be better if the content items were stacked on top of each other.