# Assessment 1 –Java-Crash-Course WEB TECHNOLOGIES

Part – 1 : MCQ based knowledge based assessment

Part – 2 : Skill Based Assessment : Where the trainees has to Execute the program

Part 1

Number of Questions: 20 Marks: 20 Duration: 30 minutes

1. **What is IIFE ?**
2. A **JavaScript** function that runs as soon as it is defined.
3. HTML 5 Tag to define Internal and Inline Form Elements.
4. Css property to define Internal and Inline Form Elements.
5. A **JavaScript** function that may or may not have a Name..
6. **What is a true regarding closures ?**
7. A **closure** is the combination of a function bundled together (enclosed) with references to its surrounding state (the lexical environment)
8. a **closure** gives you access to an outer function's scope from an inner function.
9. a **closure** can be executed only once
10. a **closure** can be referenced
11. **choose the correct syntax to store a variable named username in localStorage?**
12. localStorage.username=’JOHN’;
13. localStorage.setItem(‘username’,’JOHN’);
14. localStorage.setName(‘username’,’JOHN’);
15. localStorage.setVar(‘username’,’JOHN’);
16. **what is true about localStorage ?**
17. objects stored in localStorage in one browser cannot be accessed from another browser
18. objects stored in localStorage in one browser can be accessed from another browser
19. objects in localStorage will be erased if brower history is erased browser
20. objects stored in localStorage are stored on web Server
21. **what is geolocation ?**
22. HTML 5 TAG to get userLocation
23. Java script function to get user Location
24. HTML tag to display MAP
25. Jquery function to get user location
26. **Which of the following Statement is true regarding DOM ?**

**Statement A :** The **DOM** is the way Javascript sees its containing pages' data. It is an object that includes how the **HTML**/XHTML/XML is formatted, as well as the browser state. A **DOM element** is something like a DIV, **HTML**, BODY **element** on a page. You can add classes to all of these using CSS, or interact with them using JS.

**Statement B :** The **DOM** stands for Developer Object Model.

1. A is true B is false
2. A is false B is true
3. Both a and b are true
4. Both a and b are false
5. **Which of the following is is used to create responsive web pages?**
6. Java script
7. bootstrap
8. jquery
9. HTML 5
10. **What are valid column grid types in bootstrap?**
11. Col-md-6
12. Col-lg-12
13. Col-sm-8
14. Col-xs-12
15. **A bootstrap grid contains how many columns ?**
16. 12
17. 6
18. 3 X 3 X 3 X 3
19. 4 X 4 X 4
20. **Which of the following is the syntax to define the Java script variable?**
21. var x=10;
22. let x=10;
23. int x=10;
24. char x=’A’
25. **predict the output of following code?**

**$(function(){ $('#btn').click(function(){$(this).css('background-color','green')}) })**

1. finds element with id btn and on click of that it changes its background color to green
2. code contains error
3. finds all elements with class btn and on click of that it changes its background color to green
4. finds all buttons and on click of that it changes its background color to green
5. **What is the valid syntax of declaring IIFE function ?**
6. -( function() { console.log('myFun 2');})();
7. ~( function() { console.log('myFun 2');})();
8. !( function() { console.log('myFun 2');})();
9. ( function() { console.log('myFun 2');})();
10. **What event is generated when a dropdown values is changed**
11. onchange()
12. selectedIndexChanged()
13. valuechange().
14. onChanged().
15. **Can a java script IIFE take argument?**
16. yes
17. no
18. yes if its named
19. yes if its anonyms
20. **Which of the following is valid syntax of declaring Array in java script?**
21. Data[]=[‘a’,’b’,’c’];
22. Data=[‘a’,’b’,’c’];
23. Var Data=[‘a’,’b’,’c’];
24. Data =new Array();
25. Data[] d=new Array()
26. **Predict the output of the following code?**

**var x;**

**function test(){ var y= x+10; console.log(y)}**

1. Prints 10
2. Compilation errror
3. Prints 11
4. Local variable cannot be declared as var
5. **Predict the output of the following code?**

**function fillDD()**

**{**

**type=[‘a’,’b’,’c’];**

**var Typedd =document.getElementById('type');**

**for(i=0;i<type.length;i++)**

**{**

**var ele= document.createElement('option');**

**ele.text=type[i];**

**Typedd.add(ele,i+1);**

**}}**

1. Find the element and adds new option to select.
2. error
3. Find the element and adds new options a b c to select from first pos
4. Find the element and adds new options a b c to select from pos zero
5. **which of the following code is used to select a div with class a and id b?**
6. $(function(){ $('#a.b')})
7. $(function(){ $('div.a#b')})
8. $(function(){ $('div.b#a')})
9. $(function(){ $('div.class.a div.id.b')})
10. **Predict the output of the following code?**

**$(function(){ $('.test').click(function(){**

**$('p.a').hide();**

**$('div#d1').hide()**

**})**

**})**

1. Compilation error
2. On click of element with class test hides p with class a and div with id d1
3. On click of element with id test hides p with id a and div with class d1
4. On click of element with class test hides p with class a and all divs

**20) what will be the output of the following code**

$("button").click(function(){  
  $("p").append("<b>Appended text</b>");  
});

a) appends text before P

b) Insert content at the end of all <p> elements:

c) Insert content at the begning of all <p> elements:

d)compilation error

Part – 2 : Skill Based Assessment : Where the trainees has to Execute the program

Duration 30 minutes

* Design a registration form for employee using relevant fields and bootstrap it .

Validations:

* Password and confirm password must match
* Create a drop down with qualifications options as graduation / post graduation
* Auto fill course dropdown with relevant option selected Ex for graduation Computer Science Engineering , Electronic engineering , Bachelor of Arts etc
* Date of birth of employee cannot be less than 18 years from current date Hence (disable all previous 18 years date in date control )