Javascript Quiz 2

1. Choose the suitable option from the following options.

```
<div id="test">
        <input id="myButton" type="button" value="Click me" />
</div>
<script>
        document.getElementById("myButton").onclick = function(e) {
                console.log("I'm the button");
                //TODO: CODE TO PREVENT EVENT BUBBLING
        }
        document.getElementById("myButton").onclick = function(e) {
                console.log("I'm Div");
        }
</script>
```

  a) return false   b) e.preventDefault()   c) e.stopPropagation()

2. What is the output ?

```
var result = 1+("six"/3);
console.log(result);
```

  a) 1six/3   b) typeError   c) NaN

3. What does the following code print to the console?

```
var func = function () {
  return a;
  a = "hi";
};
console.log(func());
```

  a) null   b) "hi"   c) ReferenceError   d) undefined

4. Choose the correct answer ?

```
var message = "hello";
function greet() {
  alert(message + "");
  var message = "bye";
}
greet();
alert(message);
```

  a) Alerts 'undefined' and then alerts 'hello'   c) Throws run time error
  b) Alerts 'hello' then alerts 'bye'   d) Alerts 'bye' then alerts 'hello'

5. What does the following code prints?

```
function sum(a, b) { };
console.log(sum.name);
console.log(sum.length);
```

  a) "", ""   c) undefined, undefined
  b) Error (sum is not an object)   d) "sum", 2   e) "sum", ""

6. What is the output ?

```
function foo () {
  return bar();
  function bar() {
    return "Poppin' bottles";
  }
}
console.log(foo());
```

a) undefined   b) ReferenceError   c) "Poppin' bottles"   d) Function

7. What is the output ?   Ans: _____

```
function c(foo) {
  return foo();
}
function foo() {
  return "monsters";
}
c(foo);
```

8. What is the output of below code when we click on div#div2.

```
<div id="div1" class="div"> 1
    <div id="div2" class="div"> 2
        <div id="div3" class="div"> 3 </div>
    </div>
</div>
<script>
    function highlight(e) {
        console.log(this.id);
    }
    var divs = document.getElementsByClassName('div');
    for(var i=0; i<divs.length; i++) {
        divs[i].addEventListener('click', highlight, false);
        divs[i].addEventListener('click', highlight, true);
    }
</script>
```

a) div1, div2, div2, div1   c) div2, div1, div1, div2

b) div2, div3, div3, div2, div1   d) div3, div2, div2, div3

9. What is the output ?   **Ans:** _____

```
function abc() {
  console.log(arguments.callee);
  console.log(arguments.callee.caller);
}
function xyz() {
  console.log(arguments.callee);
  console.log(arguments.callee.caller);
  abc();
}
xyz();
```

10. Which of the following is used to make immutable object
    a) Object.seal   b) Object.freeze   c) Object.immutable   d) Both a & b

11. How to check whether the object **"obj"** is frozen or not ?
    a) Object.isFrozen()
    b) By checking the return value of delete
```
if(delete obj.name) {
    // Not Frozen
} else {
    // Frozen
}
```
    c) Both a & b
    d) None of the above

12. How to unfreeze the object ?
    a) Object.unFreeze()   b) Object.freeze(null, false)   c) There is no way

13. Write a program to sort array of numbers using sort() method ?
        Ans:

14. What is the output?
```
var a = {
  'name': 'venkat',
  'age': 26
};
a.forEach(function(prop, k, obj) {
  console.log(obj[k]);
});
```
    a) "venkat", 26   b) undefined, undefined   c) name, age   d) Error

15. What is printed in console if we execute the following in console ?
```
function abc(a) {
    console.log(a * 2);
}(10);
```
    a) 10   b) 20   c) Error   d) Nothing

16. What is printed in console ?   Ans: _____
```
var foo = ["divami", "divami"+"apervi", function(){return "ux"}(),];
console.log(foo);
```

17. What is the output ?
```
var foo = new Object();
var bar = new Object();
var baz = new Object();
baz[foo] = "foo";
baz[bar] = "bar";
console.log(baz[foo]);
```
    a) foo   b) bar   c) Object {}   d) ReferenceError

18. What is the result?
```
[] + [] + 'foo'.split('');
```
a) "f, o, o"   b) TypeError   c) ["f", "o", "o"]   d) [] [] ["f", "o", "o"]

19. What is the result?
```
var myArr = ['foo', 'bar', 'baz'];
myArr[2];
console.log('2' in myArr);
```
a) true   b) false   d) ReferenceError

20. What is the result?
```
var arr = [];
arr[0]  = 'a';
arr[1]  = 'b';
arr.foo = 'c';
alert(arr.length);
```
a) 1   b) 2   c) 3   d) undefined

21. What does the following code print to the console?
```
function sum() {
  result = 0;
  arguments.forEach(function (num) {
    result += num;
  });
  return result;
}
sum(1, 2, 3);
```
a) 0   b) 6   c) TypeError   d) 6toStringValueOf

22. What is the output ?
```
parseInt("3.1428");        _____
parseFloat("3.1428");      _____
```

23. What is the output ?
```
parseInt('12abc45')
```
a) NaN   b) 12   c) 1245   d) 0

24. What is the output ?
```
['1', '2', '3'].map(parseInt)
```
a) [1, 2, 3]   b) [123]   c) ['1', '2', '3']   d) [1, NaN, NaN]   e) Error

25. What is the return value of **splice()** function
```
var a = [1, 2, 3, 4, 5, 6, 7, 8];
a.splice(2, 4, 10, 11, 12);
```
a) Error   b) [3, 4, 5, 6, 10, 11, 12]   c) [3, 4, 5, 6]

26. What is the return value of **push()** of array
a) Pushed values
b) Current length of an array
c) true

27. What is the return value of below code ?   Ans: _____

```
[ ].pop()
```

28. What is the value of array **"a"** after execution of below code ?

```
var a = [1, 2, 3, 4, 5]
a.pop(3);
```
a) [1, 2, 4, 5]   b) [1, 2, 3, 4]   c) [2, 3, 4, 5]   d) Error

29. What is the return value and final fruits array value

```
var fruits = ["apple", "banana", "orange", "grapes"];
fruits.splice(2, 0, "mango");
```
a) [],["apple", "banana", "mango", "orange", "grapes"]
b) [],["apple", "banana", "orange", "mango", "grapes"]
c) [],["apple", "banana", "orange", "grapes"]
d) None of the above

30. Which of the following methods effects original array
a) splice, push, pop, reverse   c) splice, push, pop, shift, concat
b) splice, push, pop, map, filter   d) splice, push, shift, map

31. How to get last 2 characters of a string "010" using **slice()** method?
       Ans: _____

32. What is the output ?

```
var a = [1, 2, 3]
delete a[2-1];
console.log(a.length);
```
a) 2   b) 3   c) Error

33. What is the output ?

```
var a = [1, 2, 3]
var b = a;
b[1] = 20;
console.log(a);
```
a) [20, 2, 3]   b) [1, 2, 3]   c) [1, 20, 3]   d) Error

34. What is the output ?

```
["a", "b", "null", null].every(function(item, i, arr) {
     return item == null;
});
```
a) [null]   b) null   c) true   d) false

35. What is the output?   Ans: _____

```
var foo = [1, 2, 3];
var bar = [1, 2, 3];
foo == bar
```

36. What is the output ?

```
["apple", "banana", "orange", "mango", "grapes"][1, 2, 3]
```

    a) "orange"   b) 3   c) "banana", "orange", "mango"   d) "mango"

37. What is the output of below two console.log's ?

```
var foo = [1, 2, 3, 4, 5, 6];
foo.length = 3;
console.log(foo);
foo.length = 6;
foo.push(4);
console.log(foo);
```

    a) [1, 2, 3]

    b) [undefined, undefined, undefined, undefined, undefined, undefined, 4]

    c) [1, 2, 3] [1, 2, 3]

    d) [1, 2, 3] [1, 2, 3, undefined, undefined, undefined, 4]

38. What is the output ?

```
"divami".substr(2, 3);
```

    a) "v"   b) "va"   c) "vam"

39. What is the output ?

```
var a = 10;
a.toString(2);
```

    a) "10"   b) "1010"   c) 2   d) Error

40. What is the output ?

```
var n = 3.142857;
n.toFixed(2)         _____
n.toPrecision(3)     _____
n.toFixed()   ?      _____
n.toPrecision()  ?   _____
```