QUIZ - 31

(1.) **What's the output?**

```
1  for (var i = 2; i < 5; i++) {
2    if (i === 3) {
3      break;
4    }
5    console.log(i);
6  }
```

Ans. 0 1 2 3

0 1 2

2

0 1 2 3 4

(2.) **What's the output?**

```
1  for (var i = 2; i < 5; i++) {
2    if (i === 3) {
3      continue;
4    }
5    console.log(i);
6  }
7
```

Ans. 0 1 2 3

2 4

2

0 1 2 3 4

(3.) What's the output?

```
1  var a = [1, 2, 3, 4, 5];
2  for (var i in a) {
3    if (a[i] % 2 === 0) {
4      console.log(a[i]);
5    }
6  }
```

Ans. 0 1 2 3

2 4

2

0 1 2 3 4

(4.) What's the output?

```
1   var day = "Monday";
2   switch (day) {
3     case "Monday":
4       console.log("Today is Monday.");
5       break;
6     case "Tuesday":
7       console.log("Today is Tuesday.");
8       break;
9     default:
10      console.log("Today is not Monday or Tuesday.");
11  }
```

Ans. Today is Monday.

Today is Tuesday.

Today is not Monday or Tuesday.

None of the above

(5.) What's the output?

```
1   var x = 20;
2   switch (x) {
3      case x < 20:
4         console.log("x is less than 20");
5         break;
6      case x > 20:
7         console.log("x is greater than 20");
8         break;
9      default:
10        console.log("x is equal to 20");
11  }
```

Ans. x is less than 20
x is greater than 20
x is equal to 20
NaN

(6.) What's the output?

```
1   var x = "20";
2   switch (x) {
3      case 20:
4         console.log("x is equal to 20");
5         break;
6      default:
7         console.log("x is not equal to 20");
8   }
```

Ans. x is equal to 20
x is not equal to 20
NaN
ReferenceError

(7.) What's the output?

```
1  var x = 20;
2  var y = x > 10 ? x < 30 : "x is not greater than 10 and not less than 30";
3  console.log(y);
```

Ans. <mark>true</mark>
false
x is not greater than 10 and not less than 30
NaN

(8.) What's the output?

```
1  var x = (10 > 5) ? "x is greater than 5" ;
2  console.log(x);
```

Ans. x is greater than 5
x is not greater than 5
true
<mark>SyntaxError</mark>

(9.) What's the output?

```
1  var x = 10;
2  var y = "10";
3  var z = x === y ? "equal" : "not equal";
4  console.log(z);
```

Ans. equal
<mark>not equal</mark>
10
"10"

(10.) Can you include multiple JavaScript files in a single HTML file?
Ans. <mark>Yes</mark>
No
Only if they have different names
Only if they have the same name

(11.) Where should the
Ans. In the head section
In the body section before any content
In the body section after any content
<mark>Just before the closing tag</mark>

(12.) **Can you include JavaScript directly in an HTML file?**

Ans. Yes

No

Only if it's a short script

Only if it's a long script

(13.) **What is a variable?**

Ans. A value stored in memory

A memory location where data can be stored and retrieved

A named memory location for storing values

All of the above

(14.) **Why JavaScript Engine is needed?**

Ans. Both Compiling & Interpreting the JavaScript

Parsing the javascript

Interpreting the JavaScript

Compiling the JavaScript

(15.) **Which company developed JavaScript?**

Ans. Netscape

Bell Labs

Sun Microsystems

IBM

(16.) **What's the output?**

```
1  let x = 5;
2  while (x < 6) {
3    console.log(x);
4  }
```

Ans. 5

5 6

infinite Loop

NaN