Web Programming Quiz-2

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20F-0161

Encircle the correct choice(s) against each questions.

1. What should be placed in the "??" to convert numStr to a number?

   ```
   let numStr = "123";
   let num = ??;
   console.log(typeof num);
   ```
   a) parseInt(numStr)
   b) parseFloat(numStr)
   c) Number(numStr)
   d) numStr.toNumber()

2. What method should be used to test if the pattern exists in the sentence?

   ```
   let sentence = "The cat in the hat";
   let pattern = /cat/;
   let result = sentence.??(pattern);
   console.log(result);
   ```
   a) search
   b) match
   c) find
   d) test

3. What is the value of "result"?

   ```
   let result = 5 + 3 * 2;
   console.log(result);
   ```
   a) 16
   b) 11
   c) 26
   d) 10

4. What is the value of "sum"?

   ```
   let value = "5";
   let sum = value + 2;
   console.log(sum);
   ```
   a) 7
   b) "52"
   c) 52
   d) Error

5. What should replace the "??" to catch a general error?

   ```
   function throwError() {
       throw new ?? ("This is an intentional error");
   }

   try {
       throwError();
   } catch (e) {
       console.log(e.message);
   }
   ```

(a) Exception
b) Error
c) CustomError
d) TypeError

6. What method should be used to replace "world" with "universe"?
```
let text = "Hello, world!";
let newText = text.??(/world/, "universe");
console.log(newText);
```
(a) replace
b) substitute
c) swap
d) change

7. What is the value of "c" after this operation?
```
let a = 2;
let b = 3;
let c = a += b * 2;
console.log(c);
```
a) 10
(b) 8
c) 7
d) 5

8. Which method should be used to find the match of "a" occurring 2 to 4 times?
```
let text = "aaaabbbb";
let pattern = /a{2,4}/;
let result = text.??(pattern);
console.log(result);
```
a) test
b) search
(c) match
d) find

9. What is the value of "result"?
```
let result = 5 << 1;
console.log(result);
```
(a) 10
b) 5
c) 2
d) 20

0101 << 1
1010 → 10

10. What is the value of "result"?
```
let result = -5 >>> 1;
console.log(result);
```
a) 10
(b) 5
c) 2147483645
d) 4294967295

>>> 1