React, TypeScript & Angular Quiz

Q1. React: Specify a Loading Indicator
Which of the following can be used to specify a loading indicator while waiting for components?

A. React.Suspense
B. React.Fragment
C. React.Lazy
D. React.Hold

Correct Answer: A. React.Suspense

Q2. React with Multiple Values
Which of the following is the correct way to allow multiple selections in a React tag?

A. <select multiple={true} value={[B, C]}>
B. <select multiple={true} value={'B', 'C'}>
C. <select multiple={true} value={['B', 'C']}>
D. <select multiple={true} value={['B'], ['C']}>

Correct Answer: C. <select multiple={true} value={['B', 'C']}>

Q3. JSX: Invalid Component Usage
Which line will NOT work as expected with JSX?

A. return ;
B. return ;

Correct Answer: B. return ;

Q4. JavaScript Array Transformation
What should be used to print [4, 8, 16, 32] from [2, 4, 8, 16]?

A. input.map((input) => input * 2)
B. map((input) => input * 2)
C. input.map((input * 2)
D. map((input * 2)

Correct Answer: A. input.map((input) => input * 2)

Q5. Angular Form Validation

What is being achieved using the line:

forbiddenNameValidator(/Morning/i) // Line1

A. Adding a built-in validator
B. Ignoring validation
C. Adding a custom validator
D. Replacing required validator

Correct Answer: C. Adding a custom validator

Q6. TypeScript Class Implementation

What is wrong with the following code?

```
check(s) {

  return s.toLowercse() === "ok";

}
```

A. L1 only
B. L2 only
C. Both L1 and L2
D. No error

Correct Answer: C. Both L1 and L2

Q7. Optional Properties in Interfaces

What happens when an optional property is set to undefined?

A. It throws an error

B. It is ignored in runtime

C. JS runtime checks pass

D. It converts to null

Correct Answer: C. JS runtime checks pass

Q8. Node.js require() Internals

Which function is wrapped by Module.require()?

A. fs.readFile

B. require.resolve

C. Module._load

D. Module.loadInternal

Correct Answer: C. Module._load

Q9. Angular ngModel vs change

Which input setup is correct for Angular?

<input [value]="foo" (change)="changeFn($event)">

<input [ngModel]="bar" (ngModelChange)="modelChangeFn($event)">

A. Only 1 is correct

B. Only 2 is correct

C. Both are incorrect

D. Both are correct

Correct Answer: A. Only 1 is correct

Q10. Node.js Async Execution Order

What will be printed?

```
function f1() {

  setImmediate(foo);
```

```
  process.nextTick(bar);

}

function f2() {

  f1();

  process.nextTick(too);

}

f2();
```

A. foo bar too
B. bar too foo
C. too bar foo
D. bar foo too

Correct Answer: B. bar too foo