

Started on	Monday, 26 May 2025, 4:44 PM
State	Finished
Completed on	Monday, 26 May 2025, 4:54 PM
Time taken	10 mins 5 secs
Marks	5.00/8.00
Grade	62.50 out of 100.00

Question 1

Complete

Mark 0.00 out of 1.00

What will the following code output?

```
for (var i = 0; i < 3; i++) {  
  setTimeout(() => console.log(i), 100);  
}
```

- ☐ a. 0
0
0
- ☒ b. 0
1
2
- ☐ c. undefined
undefined
undefined
- ☐ d. 3
3
3

Question 2

Complete

Mark 1.00 out of 1.00

What is the output of this code?

```
console.log('start');

setTimeout(() => {
  console.log('timeout');
}, 0);

Promise.resolve().then(() => {
  console.log('promise');
});

console.log('end');
```

- ☒ a. start
end
promise
timeout
- ☐ b. start
end
timeout
promise
- ☐ c. start
promise
end
timeout
- ☐ d. start
end
promise
timeout
promise

Question 3

Complete

Mark 1.00 out of 1.00

What does the following print?

```
const obj = {
  count: 10,
  inc: function () {
    setTimeout(() => {
      this.count++;
      console.log(this.count);
    }, 100);
  }
};
obj.inc();
```

- ☐ a. 10
- ☒ b. 11
- ☐ c. undefined
- ☐ d. NaN

Question 4

Complete

Mark 1.00 out of 1.00

What is the final output?

```
async function f1() {  
  throw 'Error in f1';  
}  
  
async function f2() {  
  try {  
    await f1();  
  } catch (e) {  
    console.log('Caught: ', e);  
  } finally {  
    return 'Done';  
  }  
}  
  
f2().then(console.log);
```

- ☐ a. Done
Caught: Error in f1
- ☒ b. Caught: Error in f1
Done
- ☐ c. Error in f1
Done
- ☐ d. Unhandled Promise Rejection
Done

Question 5

Complete

Mark 0.00 out of 1.00

What will this code output?

```
function outer() {  
  var funcs = [];  
  for (var i = 0; i < 3; i++) {  
    funcs.push(function () {  
      console.log(i);  
    });  
  }  
  return funcs;  
}  
  
const results = outer();  
results[0]();  
results[1]();  
results[2]();
```

- ☐ a. 3 3 3
- ☐ b. undefined undefined undefined
- ☐ c. 0 0 0
- ☒ d. 0 1 2

Question 6

Complete

Mark 1.00 out of 1.00

What is the output?

```
console.log('1');

setTimeout(() => console.log('2'), 0);

Promise.resolve().then(() => {
  console.log('3');
  queueMicrotask(() => console.log('4'));
});

console.log('5');
```

- ☐ a. 1 5 2 3 4
- ☒ b. 1 5 3 4 2
- ☐ c. 1 3 5 4 2
- ☐ d. 1 3 4 5 2

Question 7

Complete

Mark 0.00 out of 1.00

What will this print?

```
const obj = {
  count: 0,
  inc: function () {
    setTimeout(function () {
      this.count++;
      console.log(this.count);
    }, 100);
  }
};
obj.inc();
```

- ☐ a. NaN
- ☒ b. 1
- ☐ c. 0
- ☐ d. undefined

Question 8

Complete

Mark 1.00 out of 1.00

What does this print?

```
async function f() {  
  try {  
    return await Promise.reject('Oops');  
  } catch (e) {  
    console.log('Caught', e);  
  } finally {  
    console.log('Finally');  
  }  
}  
  
f();
```

- ☒ a. Caught Oops
Finally
- ☐ b. UnhandledPromiseRejection: Oops
- ☐ c. Caught Oops
- ☐ d. Finally
Caught Oops