

NodeJS Pre-Mock

Total points 58/60 ?

Test

✓ A Promise can be in which of the following states? * 2/2

- ☐ a) Waiting, Running, Done
- ☒ b) Pending, Fulfilled, Rejected ✓
- ☐ c) Idle, Success, Error
- ☐ d) Start, Stop, Finish

✓ What will be logged? * 2/2

```
setTimeout(() => console.log("timeout"), 0);  
Promise.resolve().then(() => console.log("promise"));  
console.log("end");
```

- ☐ a) timeout → promise → end
- ☐ b) promise → end → timeout
- ☒ c) end → promise → timeout ✓
- ☐ d) end → timeout → promise





Which method runs **regardless of fulfillment or rejection?** *

2/2

- ☐ .then()
- ☐ b) .catch()
- ☒ c) .finally() ✓
- ☐ d) .done()

Phone Number *

6204732828



Why is JS called single-threaded? *

2/2

- ☒ a) It runs one task at a time in the Call Stack ✓
- ☐ b) It can run multiple tasks in parallel
- ☐ c) Only Node.js is single-threaded
- ☐ d) Because Promises exist



Which method is used for error handling in Promises? *

2/2

- ☐ a) .fail()
- ☒ b) .catch() ✓
- ☐ c) .error()
- ☐ d) .finally()



✓ What will be the output of this code? *

2/2

```
console.log("Start");  
setTimeout(() => console.log("Timeout"), 0);  
console.log("End");
```

- ☐ a) Start → Timeout → End
- ☐ b) Timeout → Start → End
- ☒ c) Start → End → Timeout ✓
- ☐ d) End → Start → Timeout

✓ What will be printed? *

2/2

```
console.log("A");  
  
setTimeout(() => console.log("B"), 0);  
  
Promise.resolve().then(() => {  
  console.log("C");  
  setTimeout(() => console.log("D"), 0);  
});  
  
console.log("E");
```

- ☐ a) A → B → C → D → E
- ☒ b) A → E → C → B → D ✓
- ☐ c) A → C → E → B → D
- ☐ d) A → E → B → D → C

Degree *

MCA






Which Web API is used for localStorage?



2/2


- ☒ a) Storage API 
- ☐ b) Fetch API
- ☐ c) Timers API
- ☐ d) Cache API



What happens if a Promise is rejected but no catch() is used?



2/2


- ☐ a) Code still runs normally
- ☒ b) Unhandled Promise Rejection error 
- ☐ c) Automatically retries
- ☐ d) Silent fail



Which Web API manages event listeners like onclick?



2/2

- ☒ a) DOM API 
- ☐ b) Timers API
- ☐ c) Storage API
- ☐ d) Fetch API





Which statement(s) is/are true? *

2/2

- ☐ a) JS is multi-threaded by default
- ☐ b) Web APIs execute synchronous tasks
- ☒ c) Microtasks execute before macrotasks ✓
- ☐ d) setTimeout callback runs before promises



Which of the following tasks goes into the **Macrotask Queue**? *

2/2

- ☒ a) setTimeout ✓
- ☐ b) Promise.then
- ☐ c) queueMicrotask
- ☐ d) MutationObserver



What problem do Promises solve? *

2/2

- ☐ a) Memory leaks
- ☒ b) Callback Hell ✓
- ☐ c) DOM manipulation
- ☐ d) Variable hoisting

Branch *

computer science



Masters

MCA



*

2/2

Output?

```
Promise.resolve("done")  
  .then(res => console.log(res))  
  .finally(() => console.log("cleanup"));
```

- ☐ a) cleanup → done
- ☒ b) done → cleanup
- ☐ c) nothing
- ☐ d) error



*

2/2

Output?

```
setTimeout(() => console.log("A"), 0);  
Promise.resolve().then(() => console.log("B"));  
Promise.resolve().then(() => console.log("C"));  
console.log("D");
```

- ☐ a) D → A → B → C
- ☒ b) D → B → C → A
- ☐ c) D → C → B → A
- ☐ d) B → C → A → D





Which of the following creates a new Promise?

*

2/2

- ☐ a) Promise.create()
- ☒ b) new Promise(...)
- ☐ c) Promise.resolveNew()
- ☐ d) makePromise()



What is the output?

*

0/2

```
console.log("1");
async function foo() {
  console.log("2");
  return "3";
}
foo().then(res => console.log(res));
console.log("4");
```

- ☐ a) 1 → 2 → 4 → 3
- ☒ b) 1 → 2 → 3 → 4
- ☐ c) 2 → 1 → 4 → 3
- ☐ d) 1 → 4 → 2 → 3



Correct answer

- ☒ a) 1 → 2 → 4 → 3





*

2/2

Output?

```
async function test() {  
  return "Hello";  
}  
test().then(res => console.log(res));
```

- ☐ b) Error
- ☒ c) Hello
- ☐ d) undefined
- ☐ d) setTimeout



*

2/2

Event Loop first checks which condition?

- ☐ a) Whether Microtask Queue is full
- ☐ b) Whether Web APIs finished execution
- ☒ c) Whether Call Stack is empty
- ☐ d) Whether setTimeout expired



Which of these is **NOT** handled directly by the JavaScript engine but by Web APIs? *2/2

- ☒ a) setTimeout
- ☐ b) Promise.resolve
- ☐ c) console.log
- ☐ d) Arithmetic operations





*2/2

Which Web API allows JavaScript to listen for user actions like clicks or keypresses?

☐ a) Timer API

☒ b) DOM API



☐ c) Storage API

☐ d) Fetch API

Name *

Avinash Ranjan



*

2/2

Which statement is **false**?

☐ a) Microtasks execute before Macrotasks

☐ b) A Promise once settled cannot change its state

☒ c) Event Loop executes tasks while Call Stack is not empty



☐ d) async/await is syntactic sugar over Promises






Which of the following describes the Event Loop correctly?



2/2

- ☒ a) Moves callbacks from Queues → Call Stack when stack is empty 
- ☐ b) Executes timers directly
- ☐ c) Clears garbage memory
- ☐ d) None of the above

Email *

avinashranjan918@gmail.com




Output?



2/2

```
console.log("A");  
setTimeout(() => console.log("B"), 100);  
console.log("C");
```

- ☐ a) A → B → C
- ☒ b) A → C → B 
- ☐ c) B → A → C
- ☐ d) C → A → B





2/2

Output?

```
console.log("1");  
setTimeout(() => console.log("2"));  
Promise.resolve().then(() => console.log("3"));  
console.log("4");
```

- ☐ a) 1, 2, 3, 4
- ☒ b) 1, 4, 3, 2
- ☐ c) 1, 3, 4, 2
- ☐ d) 1, 4, 2, 3



2/2

Which best describes .finally() in Promises?

- ☐ a) Runs only when fulfilled
- ☐ b) Runs only when rejected
- ☒ c) Runs after settlement (either success or error)
- ☐ d) Ignores rejections



2/2

What is the default return type of an async function?

- ☐ a) undefined
- ☒ b) Promise
- ☐ c) Object
- ☐ d) void





Which is **NOT** a Microtask? *

2/2

- ☐ a) Promise.then
- ☐ b) queueMicrotask
- ☐ c) MutationObserver
- ☒ d) setTimeout



Branch(Masters)

Master in computer application



What will this log? *

2/2

```
setTimeout(() => console.log("T1"), 0);  
setTimeout(() => console.log("T2"), 0);  
console.log("X");
```

- ☐ a) T1 → T2 → X
- ☒ b) X → T1 → T2
- ☐ c) X → T2 → T1
- ☐ d) T2 → X → T1



Year of Passout *

2024



YOP(Masters)

✓ Which queue has **higher priority** in the Event Loop? * 2/2

☐ a) Macrotask Queue

☒ b) Microtask Queue ✓

☐ c) Callback Queue

☐ d) Web APIs

This content is neither created nor endorsed by Google. - [Contact form owner](#) - [Terms of Service](#) - [Privacy Policy](#).

Does this form look suspicious? [Report](#)

Google Forms

