

Full Stack Developer - Technical MCQs

1. Which HTML tag is used to include an external JavaScript file?

A) `<script src="file.js">` B) `<js src="file.js">` C) `<link href="file.js">` D) `<javascript file="file.js">`

2. What does `position: absolute` do in CSS?

A) Positions element relative to browser window B) Positions element relative to its normal position
C) Positions element relative to its closest positioned ancestor D) Fixes element to the bottom

3. Which of the following is NOT a valid HTML5 semantic tag?

A) `<article>` B) `<section>` C) `<block>` D) `<aside>`

4. In Flexbox, what does `justify-content: space-between;` do?

A) Aligns items to the center B) Places equal space between items C) Aligns items to both start and end
D) Removes spacing

5. What will be the output of the following?

```
console.log(typeof NaN);
```

A) "number" B) "NaN" C) "undefined" D) "object"

6. Which method converts a JSON string into a JavaScript object?

A) `JSON.parse()` B) `JSON.stringify()` C) `JSON.object()` D) `JSON.toObject()`

7. What is a closure in JavaScript?

A) A function returning another function B) A self-invoking function C) A function having access to outer scope even after parent function has closed
D) A block-level scoped function

8. Which of the following is not a JavaScript data type?

A) Boolean B) Float C) Null D) Undefined

9. What is the purpose of `useEffect()` in React?

A) To create components B) To manage props C) To perform side-effects in components
D) To define state

10. In React, what will happen if you directly update the state like `state.count = 1`?

A) State will be updated and re-render B) Will throw an error C) Will update state silently D) State changes but component won't re-render

11. Which of the following is NOT a hook in React?

A) `useReducer` B) `useFetch` C) `useState` D) `useRef`

12. What is JSX?

A) A CSS preprocessor B) A templating engine C) A syntax extension that looks like HTML but works in JavaScript D) A JavaScript compiler

13. What is the default HTTP method when a form is submitted without specifying the method?

A) GET B) POST C) PUT D) PATCH

14. Which Node.js module is used to create a server?

A) `fs` B) `http` C) `url` D) `net`

15. What does npm stand for?

A) NodeJS Program Manager B) Node Package Manager C) New Project Module D) Node Plugin Market

16. What is the default `_id` data type in MongoDB documents?

A) UUID B) Integer C) ObjectId D) String

17. Which command is used to insert a document into a collection in MongoDB?

A) `db.collection.add()` B) `db.collection.insert()` C) `db.collection.put()` D) `db.collection.push()`

18. In MongoDB, what is the result of `db.users.find({ age: { $gt: 25 } })`?

A) Users older than 25 B) Users younger than 25 C) Users aged 25 D) Syntax error

19. What command stages all modified files in Git?

A) `git commit -m` B) `git add .` C) `git push` D) `git pull`

20. What is the purpose of `.gitignore` file?

A) To lock changes B) To delete files C) To exclude files/folders from being tracked D) To rename

files