

## Generated Questions

Q: What is the primary purpose of using CSS preprocessors like Sass or Less in web development?

Option A: To enhance website security

Option B: To improve website loading speed

Option C: To extend CSS functionality with variables and nesting

Option D: To replace JavaScript for dynamic effects

Answer: To extend CSS functionality with variables and nesting

Q: Which of the following HTTP status codes indicates that a requested resource has been permanently moved to a new location?

Option A: 301 Moved Permanently

Option B: 302 Found

Option C: 404 Not Found

Option D: 500 Internal Server Error

Answer: 301 Moved Permanently

Q: What is the main difference between 'var', 'let', and 'const' in JavaScript, in terms of scope and reassignment?

Option A: Only 'const' allows for block scope and is non-reassignable

Option B: Only 'var' allows for global scope and is always reassignable

Option C: 'Var' has global scope, 'let' has block scope, and 'const' has block scope but is non-reassignable

Option D: All are functionally identical in modern JavaScript

Answer: 'Var' has global scope, 'let' has block scope, and 'const' has block scope but is non-reassignable

Q: Which web development framework is known for its 'Model-View-Controller' (MVC) architectural pattern and is written in Python?

Option A: Django

Option B: React

Option C: Angular

Option D: Vue.js

Answer: Django

Q: What does ARIA stand for in the context of web accessibility, and what is its primary function?

Option A: Accessible Rich Internet Applications - Providing audio descriptions for visuals

Option B: Assistive Robotics Interface Assistance - Automating screen reader interactions

Option C: Accessible Rich Internet Applications - Enhancing web accessibility for screen readers and assistive technologies

Option D: Artificial Reading Interface Aid - Converting text to speech

Answer: Accessible Rich Internet Applications - Enhancing web accessibility for screen readers and assistive technologies