

Here are 20 multiple-choice questions (MCQs) on web development with options. Please note that the answers are provided at the end:

1. ****What does HTML stand for?****
 - A) Hyper Text Markup Language
 - B) High Technology Markup Language
 - C) Hyperlink and Text Markup Language
 - D) Home Tool Markup Language
2. ****Which of the following is not a valid CSS property?****
 - A) font-size
 - B) text-color
 - C) margin
 - D) background-color
3. ****What is the purpose of JavaScript in web development?****
 - A) Styling web pages
 - B) Creating dynamic content and interactivity
 - C) Defining page layout
 - D) Structuring data
4. ****What does the "HTTP" acronym stand for in the context of web development?****
 - A) HyperText Transfer Protocol
 - B) HyperText Transmission Protocol
 - C) Hyper Transfer Text Protocol
 - D) Hyper Transmission Text Protocol
5. ****Which of the following tags is used to define an unordered list in HTML?****
 - A)
 - B)
 - C)
 - D) <dl>
6. ****In CSS, what does the "box model" consist of?****
 - A) Margin, Border, Padding, Content
 - B) Header, Footer, Sidebar, Main Content
 - C) Width, Height, Position, Display
 - D) Float, Clear, Overflow, Visibility
7. ****Which programming language is commonly used for server-side scripting in web development?****
 - A) JavaScript
 - B) Python
 - C) PHP

- D) Java

8. **What does AJAX stand for in web development?**

- A) Asynchronous JavaScript and XML
- B) Advanced JavaScript and XML
- C) Asynchronous JSON and XML
- D) Automated JavaScript and XML

9. **What is the purpose of the "viewport" meta tag in HTML?**

- A) To set the background color of the webpage
- B) To define the character encoding of the document
- C) To control the layout on different devices
- D) To link external stylesheets

10. **Which of the following is not a valid HTTP status code?**

- A) 200 OK
- B) 404 Not Found
- C) 500 Internal Server Error
- D) 303 Redirection

11. **What does the term "responsive web design" refer to?**

- A) Designing websites that respond to user inputs
- B) Designing websites that adapt to different screen sizes
- C) Creating visually appealing web pages
- D) Designing websites with fast loading times

12. **Which of the following is a front-end framework for web development?**

- A) Django
- B) Flask
- C) React
- D) Express

13. **What is the purpose of a "DOCTYPE" declaration in HTML?**

- A) To declare a document type and version
- B) To define the document title
- C) To link external stylesheets
- D) To specify the document's language

14. **What does the acronym "URL" stand for?**

- A) Universal Resource Locator
- B) Uniform Resource Locator
- C) Unified Resource Locator
- D) Universal Reference Locator

15. ****Which of the following is a version control system used for tracking changes in code?****

- A) FTP
- B) Git
- C) SSH
- D) HTTP

16. ****What is the purpose of the "localStorage" object in JavaScript?****

- A) Storing data on the server
- B) Storing data locally on the user's device
- C) Handling session management
- D) Managing server-side cookies

17. ****Which HTML tag is used for creating links to external stylesheets?****

- A) <style>
- B) <link>
- C) <head>
- D) <meta>

18. ****What is the role of the "SQL" language in web development?****

- A) Styling web pages
- B) Defining page layout
- C) Managing databases
- D) Creating dynamic content

19. ****Which HTTP method is idempotent?****

- A) GET
- B) POST
- C) PUT
- D) DELETE

20. ****What is the purpose of the "npm" tool in web development?****

- A) Managing packages and dependencies
- B) Defining HTML structure
- C) Creating database tables
- D) Optimizing images for the web

****Answers:****

1. A, 2. B, 3. B, 4. A, 5. B, 6. A, 7. C, 8. A, 9. C, 10. D, 11. B, 12. C, 13. A, 14. B, 15. B, 16. B, 17. B, 18. C, 19. A, 20. A