1. JavaScript is mainly used for:
   a) Styling web pages
   b) Structuring web pages
   c) Adding interactivity to web pages
   d) Creating databases
   Answer: c) Adding interactivity to web pages

2. Which of the following is NOT a feature of JavaScript?
   a) Lightweight scripting language
   b) Compiled language
   c) Event-driven programming
   d) Prototype-based object orientation
   Answer: b) Compiled language

3. Which of the following is a correct way to include JavaScript in HTML?
   a) <script src="file.js"></script>
   b) <js file="file.js"></js>
   c) <javascript link="file.js"></javascript>
   d) <code src="file.js"></code>
   Answer: a) <script src="file.js"></script>

4. A dynamic website is one that:
   a) Always looks the same for all users
   b) Is updated only when manually edited
   c) Changes content based on user interaction or server data
   d) Does not use any JavaScript
   Answer: c) Changes content based on user interaction or server data

5. Which of the following best describes HTML5 applications?
   a) Static web pages only
   b) Applications that can work offline and use modern APIs
   c) Software written only in Java
   d) Programs that run only on desktop computers
   Answer: b) Applications that can work offline and use modern APIs

6. Which symbol is used for single-line comments in JavaScript?
   a) #
   b) //
   c) <!-- -->
   d) **

Answer: b) //

7. Which HTML5 feature allows web apps to store data locally on a user's browser?
   a) Cookies
   b) Local Storage
   c) FTP
   d) Session ID
   Answer: b) Local Storage

8. Which method is used in JavaScript to select the first element that matches a CSS selector?
   a) getElementById()
   b) querySelector()
   c) getElementsByClassName()
   d) getElement()
   Answer: b) querySelector()

9. Which of the following tags is used in HTML5 for embedding video?
   a) <media>
   b) <movie>
   c) <video>
   d) <stream>
   Answer: c) <video>

10. What is the correct syntax to display a message in the browser console using JavaScript?
    a) print("Hello")
    b) console.log("Hello")
    c) alert("Hello")
    d) message("Hello")
    Answer: b) console.log("Hello")