## 25 Lecture - CS506

## **Important Mcqs**

Sure, here are 10 multiple-choice questions (MCQs) related to Web Application Development, along with their solutions and multiple options:

their solutions and multiple options:
**Question 1:** Which programming language is primarily used for frontend web development?
**Options:**
A) Java
B) Python
C) HTML
D) PHP
**Solution:** C) HTML
**Question 2:** Which component of a web application is responsible for managing the application's data and logic?
data and logic?
<pre>**Options:**</pre>
<pre>**Options:** A) Frontend</pre>
<pre>**Options:** A) Frontend B) Backend</pre>

\*\*Question 3:\*\* Which of the following is a popular frontend framework for building user interfaces in web applications?

**Options:**
A) Laravel
B) Django
C) React
D) Express
**Solution:** C) React
**Question 4:** Which protocol is commonly used for sending data between a web application and a server asynchronously?
**Options:**
A) HTTP
B) SMTP
C) FTP
D) AJAX
**Solution:** D) AJAX
**Question 5:** Which of the following is used to style the presentation of a web application?
**Options:**
A) HTML
B) JavaScript
C) CSS
D) Ruby
**Solution:** C) CSS

**Question 6:** Which term refers to the process of adapting a web application's layout for different screen sizes and devices?
**Options:**
A) Localization
B) Optimization
C) Responsiveness
D) Accessibility
**Solution:** C) Responsiveness
**Question 7:** What does the acronym "API" stand for in the context of web development?
**Options:**
A) Advanced Programming Interface
B) Application Programming Interface
C) Advanced Page Interaction
D) Application Page Interface
**Solution:** B) Application Programming Interface
**Question 8:** Which database system is commonly used for storing and managing data in web applications?
**Options:**
A) Excel
B) MongoDB
C) SQLite
D) XML

**Question 9:** Which of the following HTTP methods is used to request data from a server?
**Options:**
A) GET
B) POST
C) PUT
D) DELETE
**Solution:** A) GET
**Question 10:** Which web development concept focuses on ensuring that people with disabilities can use and interact with web applications?
can use and interact with web applications?
<pre>**Options:**</pre>
<pre>**Options:** A) Internationalization</pre>
<pre>can use and interact with web applications?  **Options:** A) Internationalization B) Localization</pre>

\*\*Solution:\*\* B) MongoDB