

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:

****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?

****Options:****

- A) Frontend
- B) Backend
- C) API
- D) CSS

****Solution:**** B) Backend

****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

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

****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?**

****Options:****

- A) Internationalization
- B) Localization
- C) Accessibility
- D) Usability

****Solution:** C) Accessibility**