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