Your grade: 100%

Your latest: **100%** • Your highest: **100%** • To pass you need at least 60%. We keep your highest score.

Next item →

1. Which DNS record type is responsible for specifying the mail server responsible for handling email delivery for a domain?

   ○ A Record

   ○ CNAME Record

   ⦿ MX Record

   ○ AAAA Record

   ✓ **Correct**
   Correct! MX Record specifies the mail server responsible for handling email delivery for a domain.

   1 / 1 point

2. What role do server-side languages like PHP, Python, or Ruby play in web development?

   ○ Handling client-side interactions and user interface design

   ○ Optimizing website performance and reducing loading times

   ⦿ Processing server requests, managing user input data, connecting to databases, and generating dynamic content

   ○ Creating responsive layouts and animations for websites

   ✓ **Correct**
   Correct! Server-side languages are responsible for these tasks, including processing user data and generating dynamic content.

   1 / 1 point

3. What are the key principles of creating accessible web content according to the Web Content Accessibility Guidelines (WCAG)?

   ○ Focusing solely on mobile responsiveness and cross-browser compatibility

   ⦿ Perceivable, Operable, Understandable, Robust

   ○ Incorporating advanced animations and interactive features

   ○ Prioritizing visual aesthetics and creative design

   ✓ **Correct**
   Correct! These four principles are the foundation of WCAG's guidelines for creating accessible web content.

   1 / 1 point

4. Imagine you're a tech enthusiast attending a seminar on future trends in web data storage. You're curious about the upcoming changes in storing and managing data online. Which of the following trends do you think might be discussed at the seminar?

   ○ Decreased integration of artificial intelligence and machine learning

   ○ The decline of artificial intelligence in data management

   ⦿ Blockchain technology for decentralized storage

   ○ Reduction in cloud-based web data storage solutions

   ✓ **Correct**
   Correct! Blockchain's role in decentralized storage is mentioned as one of the trends.

   1 / 1 point

5. Which cloud service allows you to analyze large datasets quickly using SQL queries without managing servers?

   ⦿ Google Cloud BigQuery

   ○ Microsoft Azure App Service

   ○ Salesforce Sales Cloud

   ○ Amazon S3 (Simple Storage Service)

   ✓ **Correct**
   Correct! Google Cloud BigQuery is a serverless analytics data warehouse solution enabling users to analyze large datasets using SQL queries quickly.

   1 / 1 point