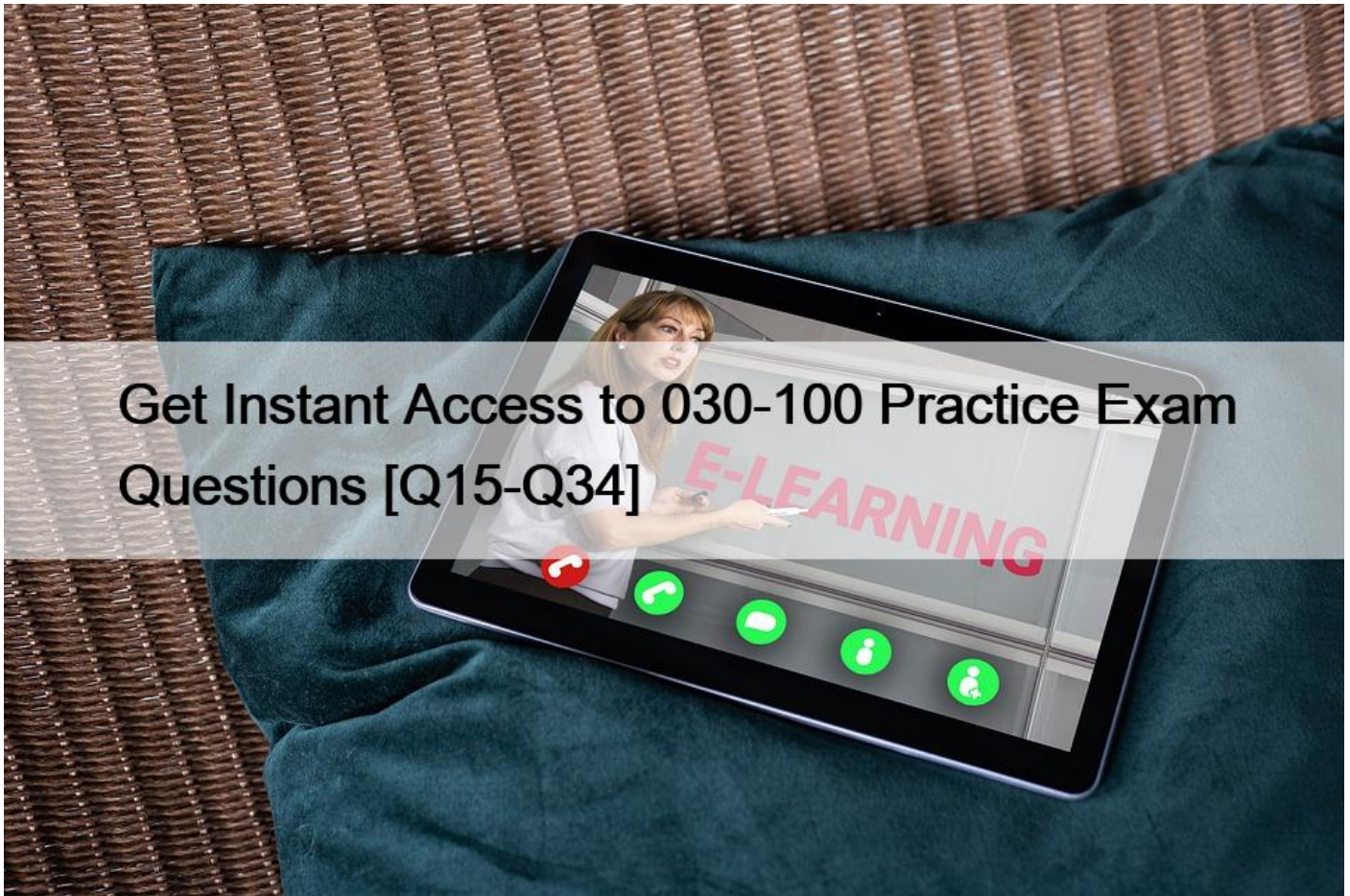


## Get Instant Access to 030-100 Practice Exam Questions [Q15-Q34]



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Lpi 030-100 exam, also known as Linux Professional Institute Web Development Essentials Exam 030, is a certification exam designed for individuals interested in web development and Linux operating systems. 030-100 exam is a foundation-level certification that tests the basic knowledge and skills required for web development using Linux. Passing 030-100 exam can help individuals demonstrate their proficiency in web development and Linux to potential employers or clients.

The LPI 030-100 exam is recognized globally and is a valuable certification for individuals who are looking to pursue a career in web development. Linux Professional Institute Web Development Essentials Exam 030 certification demonstrates the individual's proficiency in web development using Linux operating systems and enhances their credibility in the industry. Linux Professional Institute Web Development Essentials Exam 030 certification is recognized by many organizations, including governments, academic institutions, and IT companies. With the increasing demand for web development professionals, obtaining the LPI 030-100 certification can open doors to many career opportunities in the field.

### NEW QUESTION 15

In HTML, what is the purpose of the alt attribute in an <img> tag?

- \* To provide a text alternative for the image
- \* To change the image source
- \* To specify a secondary image
- \* To apply styles to the image

### NEW QUESTION 16

Which of the following are common web development technologies and standards? (Choose two)

- \* Bluetooth communication
- \* HTML/CSS
- \* PCIe interface
- \* JavaScript

### NEW QUESTION 17

In SQL, which command is used to add new data to a table?

- \* UPDATE
- \* INSERT INTO
- \* ADD NEW
- \* CREATE

### NEW QUESTION 18

What are essential features of source code editors and Integrated Development Environments (IDEs)? (Choose two)

- \* Ability to compile and execute code
- \* Built-in web browser for testing web applications
- \* Syntax highlighting and code completion
- \* Network monitoring for security analysis

### NEW QUESTION 19

What is the correct syntax for a CSS rule?

- \* selector { property = value; }
- \* selector { property : value }
- \* selector -> { property : value; }
- \* { selector : property = value; }

### NEW QUESTION 20

What is the fundamental difference between relational and non-relational (NoSQL) databases?

- \* Relational databases are only used in web development
- \* Non-relational databases do not use SQL for querying
- \* Relational databases are based on table structures, while non-relational databases are not
- \* Non-relational databases are not capable of storing large amounts of data

### NEW QUESTION 21

In the context of web content, how do static and dynamic content differ?

- \* Static content is served from a database, while dynamic content is served from a file system.
- \* Static content is the same for all users, while dynamic content can change based on user interaction.
- \* Static content is used for web applications, while dynamic content is used for websites.
- \* Static content is cached by the browser, while dynamic content is not.

#### NEW QUESTION 22

In CSS, what does the float property do?

- \* Makes an element change its color when floated over
- \* Specifies how text should flow around an element
- \* Defines the transparency of an element
- \* Aligns elements vertically

#### NEW QUESTION 23

What is the primary role of HTTPS and TLS in web communications?

- \* To compress data to reduce bandwidth usage
- \* To secure communications between client and server
- \* To increase the speed of data transfer
- \* To convert static content to dynamic content

#### NEW QUESTION 24

In HTML, which attribute is used to link to an external CSS file?

- \* src
- \* href
- \* rel
- \* type

#### NEW QUESTION 25

Which of the following are block-level elements in HTML? (Choose two)

- \* <span>
- \* <div>
- \* <img>
- \* <p>

#### NEW QUESTION 26

Which units are commonly used in CSS for responsive design? (Choose two)

- \* Pixels (px)
- \* Centimeters (cm)
- \* Relative units (em, rem, vw, vh)
- \* Kilograms (kg)

#### NEW QUESTION 27

Which programming paradigms are characterized by the use of functions, procedures, and objects?

(Choose three)

- \* Functional programming
- \* Procedural programming
- \* Object-oriented programming
- \* Assembly language programming

### NEW QUESTION 28

Which of these are commonly used open source database management systems? (Choose two)

- \* Microsoft SQL Server
- \* Oracle Database
- \* MySQL
- \* PostgreSQL

### NEW QUESTION 29

How are comments added in CSS?

- \* // This is a comment
- \* `<!-- This is a comment -->`
- \* /\* This is a comment \*/
- \* # This is a comment

### NEW QUESTION 30

What is a common way to protect against Cross-Site Scripting (XSS) in a Node.js application?

- \* Disabling cookies
- \* Using prepared SQL statements
- \* Sanitizing user input
- \* Implementing HTTPS

### NEW QUESTION 31

Which of the following are true about compilers and interpreters? (Choose two)

- \* Compilers convert source code into machine code before runtime.
- \* Interpreters execute the source code line by line during runtime.
- \* Compilers are used to enhance the security of a source code.
- \* Interpreters translate the entire program at once and then execute it.

### NEW QUESTION 32

In the context of web application architecture, what is the primary function of a web server?

- \* To store client data persistently
- \* To host web applications and handle HTTP requests
- \* To render web pages on the client side
- \* To provide dynamic IP addressing for clients

### NEW QUESTION 33

Which of the following file formats supports transparency?

- \* JPEG

- \* PNG
- \* SVG
- \* Both PNG and SVG

#### **NEW QUESTION 34**

When establishing a database connection in NodeJS, which module is commonly used for MySQL?

- \* mysql
- \* mongodb
- \* sqlconnect
- \* db-mysql

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