List of Exam Topics

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| **PHP Basics** | **Functions** | **Data Format & Types** |
| * Syntax * Type * Operators * Variables * Control Structures * Language Constructs and Functions * Namespaces * Extensions * Config * Performance/bytecode caching \* | * Arguments * Variables * References * Returns * Variable Scope * Anonymous Functions, closures | * XML Basics * SimpleXML * XML Extension * Webservices Basics * SOAP * JSON * DateTime * DOMDocument |
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| **Web Features** | **Object Oriented Programming** | **Security** |
| * Sessions * Forms * GET and POST data * Cookies * HTTP Headers * HTTP Authentication * HTTP Status Codes   **I/O**   * Files * Reading * Writing * File System Functions * Streams * Contexts | * Instantiation * Modifiers/Inheritance * Interfaces * Exceptions * Autoload * Reflection * Type Hinting * Class Constants * Late Static Binding * Magic (\_\*) Methods * Instance Methods & Properties * SPL * Traits | * Configuration * Session Security * Cross-Site Scripting * Cross-Site Request Forgeries * SQL Injection * Remote Code Injection * Email Injection * Filter Input * Escape Output * Encryption, Hashing algorithms * File uploads * PHP Configuration * Password hashing API |
|  |  |  |
| **Strings & Patterns** | **Databases & SQL** | **Arrays** |
| * Quoting * Matching * Extracting * Searching * Replacing * Formatting * PCRE * NOWDOC * Encodings |  |  |