

ZEND PHP Certification

1. PHP Basics

- Syntax
- Operators
- Variables
- Control Structures
- Language Constructs and Functions
- Namespaces
- Extensions
- Config
- Performance/ bytecode caching

2. Functions

- Arguments
- Variables
- References
- Returns
- Variable Scope
- Anonymous functions
- Type Declaration

3. Data Format & Types

- XML basics
- Simple XML
- XML Extension
- Webservices Basics
- SOAP
- JSON
- Date Time
- DOMDocument

4. Web Features

- Sessions
- Forms
- GET and POST data
- Cookies
- HTTP Headers
- HTTP Authentication
- HTTP Status Codes

5. Object Oriented Programming

- Installation
- Modifiers / Inheritance
- Interfaces
- Return Types
- Auto load
- Reflection
- Type Hinting
- Class Constants
- Late Static Binding
- Magic (_*) Methods
- Instance Methods & Properties
- SPL
- Traits

6. Security

- 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

7. Strings & patterns

- Quoting
- Matching
- Extracting
- Searching
- Formatting
- PCRE
- NOWDOC
- Encodings

8. Databases & SQL

- SQL
- Joins
- Prepared Statements
- Transactions
- PDO

9. Arrays

- Associative Arrays
- Arrays Iteration
- Arrays Functions
- SPL , Objects as arrays
- Casting

10. Error Handling

- Handling Exception
- Errors
- Throwables