



# Certified Perl Programmer (CPRP)

## Exam Objectives CPRP-001

### About the exam

| Item                       | Detail                                                                                                                                                                                                                                                                                               |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Level</b>               | Intermediate                                                                                                                                                                                                                                                                                         |
| <b>Number of questions</b> | 80. A performance-based exam: each form can carry up to 5 to 12 performance-based questions alongside the multiple-choice questions.                                                                                                                                                                 |
| <b>Delivery model</b>      | Computer adaptive in 3 stages of 28, 26, 26 questions. Your score on each stage selects the difficulty of the next, so no two candidates sit the same paper.                                                                                                                                         |
| <b>Time limit</b>          | 120 minutes                                                                                                                                                                                                                                                                                          |
| <b>Scoring</b>             | You need a score of 700 out of 900 to pass. Results are reported on a scale of 100 to 900, and 700 corresponds to answering 72% of the exam correctly. Harder questions carry more weight, so a score means the same thing on any route. Multiple-response items and PBQs are scored all or nothing. |
| <b>Delivery</b>            | Online, fully proctored (webcam, microphone and screen).                                                                                                                                                                                                                                             |
| <b>Prerequisites</b>       | No formal prerequisite. Candidates do best with some hands-on Perl or programming experience and 30 to 50 hours of study.                                                                                                                                                                            |
| <b>Retakes</b>             | No waiting period after a failed first attempt. Candidates pay the exam price each time they attempt the exam. See the CertLabz Certification Retake Policy at <a href="https://certlabz.com/certification-retake-policy.html">certlabz.com/certification-retake-policy.html</a>                     |
| <b>Validity</b>            | 3 years. Renew with 50 CEUs per cycle and the \$35 annual continuing-education fee, or by passing the current exam.                                                                                                                                                                                  |
| <b>Language</b>            | English                                                                                                                                                                                                                                                                                              |
| <b>Exam voucher</b>        | \$149 for one sitting, valid 12 months. Bundles add the study guide ebook and the All Access plan.                                                                                                                                                                                                   |

### Domain weights

| Domain                                | Questions |
|---------------------------------------|-----------|
| D1 Perl Fundamentals and Syntax (16%) | 13        |
| D2 Scalars, Arrays and Hashes (16%)   | 13        |
| D3 Control Flow and Subroutines (17%) | 14        |



|                                                       |           |
|-------------------------------------------------------|-----------|
|                                                       | 14        |
| D5 References, Modules and the Standard Library (17%) | 13        |
| D6 File IO, Error Handling and Best Practices (17%)   | 13        |
| <b>Total (100%)</b>                                   | <b>80</b> |

## Objectives by domain

Each objective may appear as knowledge, a scenario to judge, a circuit to trace or assemble, or a number to compute. Each form can carry up to 5 to 12 performance-based questions: drag-and-drop matching, sequencing and table completion, drawn fresh each attempt. The exam does not test any vendor's SDK syntax.

### D1 Perl Fundamentals and Syntax

16% 13 questions

- D1.1 The interpreter
- D1.2 Variables
- D1.3 Operators
- D1.4 Statements
- D1.5 Comments
- D1.6 Key terms

### D2 Scalars, Arrays and Hashes

16% 13 questions

- D2.1 Scalars
- D2.2 Arrays
- D2.3 Hashes
- D2.4 Context
- D2.5 Slices
- D2.6 Built-in functions

### D3 Control Flow and Subroutines

17% 14 questions

- D3.1 Conditionals
- D3.2 Loops
- D3.3 Subroutines
- D3.4 Arguments
- D3.5 Return values
- D3.6 Scope

### D4 Regular Expressions and Text Processing

17% 14 questions

- D4.1 Patterns
- D4.2 Matching
- D4.3 Substitution
- D4.4 Capture groups
- D4.5 Modifiers
- D4.6 Split and join

## D5 References, Modules and the Standard Library

17% 13 questions

- D5.1 References
- D5.2 Complex structures
- D5.3 Packages
- D5.4 Modules
- D5.5 CPAN
- D5.6 Standard library

## D6 File IO, Error Handling and Best Practices

17% 13 questions

- D6.1 File handles
- D6.2 Reading and writing
- D6.3 die and warn
- D6.4 The strict pragma
- D6.5 Testing
- D6.6 Code style

## Continuing education

| Renewal                 | Requirement                                                 |
|-------------------------|-------------------------------------------------------------|
| Validity                | 3 years from the date of issue                              |
| CEUs required per cycle | 50                                                          |
| Annual CE fee           | \$35                                                        |
| Alternative to CEUs     | Pass the current version of the exam before the expiry date |

## Qualifying activities

| Activity                                                   | CEUs                               |
|------------------------------------------------------------|------------------------------------|
| CertLabz labs, PBQs, courses and SkillTracker assessments  | 1 CEU per hour, up to 25 per cycle |
| Other industry certifications earned or renewed            | 10 to 25 each, depending on level  |
| Conferences, webinars and training                         | 1 CEU per hour, up to 20 per cycle |
| Software development or programming work experience        | 3 per year, up to 9 per cycle      |
| Teaching, mentoring, publishing or community contributions | Up to 15 per cycle                 |
| College courses in computing or software                   | 10 per completed course            |

## CertLabz Certification Retake Policy

- **No waiting period after a failed first attempt:** If you fail your first attempt at any CertLabz certification examination, CertLabz does not require any waiting period between the first and second attempt.

- **Once you pass, you cannot resit the same exam code:** A candidate who has passed an exam and achieved a certification cannot take that exam again under the same exam code without prior consent from CertLabz. You will need to wait until a new series of the exam is published before attempting to recertify by examination.

- **Beta examinations, one attempt only:** A CertLabz beta examination may be taken one time by each candidate.

- **Violations invalidate the attempt:** A test found to be in violation of this policy will be invalidated, and the candidate may be subject to a suspension period. Repeat violators will be permanently banned from the CertLabz Certification Program.

- **Every attempt is paid for:** Candidates must pay the exam price each time they attempt the exam. CertLabz does not offer free retests or discounts on retakes.

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<https://certlabz.com/certifications/certified-perl-programmer.html>