



INFORMATION AND TECHNOLOGY

Over 200 tests to evaluate IT skills

1. Web Design and Development

The “**Web Design and Development**” tests allow you to assess your candidates’ IT skills and knowledge level: beginner, intermediate and advanced.

These tests are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 15 to 36 questions to be answered once and within a limited time, in order to avoid cheating. Certain of these tests are available in French.



36 TESTS

15 to 36 questions

10 to 30 minutes

Beginner to advanced

| AVAILABLE TESTS | LEVEL |
|---|-------------------------------------|
| ActionScript 2.0 | Beginner |
| Actionscript 3 / OOP / Flex 3.x & 4.x / AIR | Beginner |
| ActionScript 3.0 | Intermediate |
| Adobe Flash Pro 9.0 | Beginner |
| Angular.js | Beginner and Intermediate |
| Backbone.js | Intermediate |
| Bootstrap | Intermediate and Advanced |
| CSS | Beginner, Intermediate and Advanced |
| CSS3 | Intermediate |
| ExtJS | Intermediate |
| Flex 3 AIR | Beginner and Intermediate |
| Flex 3.x/ActionScript 3 | Beginner |
| Front End Web Development | Intermediate |
| HTML4 | Beginner and Intermediate |
| HTML5 | Beginner and Intermediate |
| JavaScript | Beginner and Intermediate |
| jQuery | Beginner and Intermediate |
| Marionette.js | Intermediate |
| Node.js | Intermediate |
| PhoneGap | Intermediate |
| Responsive Web Design | Intermediate |
| Sencha | Intermediate and Advanced |
| Website optimization | Beginner and Intermediate |
| XHTML | Beginner |
| XSLT | Beginner |



2. Java/J2EE

The “Java/J2EE” tests allow you to evaluate your candidates' IT skills and knowledge level: beginner, intermediate and advanced level in Java/J2EE language, Java Core and Java Web.

These tests enable both the rating of a beginner-level developer (for instance, prior to registering to a training session), as well as the assessment of a Java architect.



36 TESTS

20 to 30 questions

10 to 40 minutes

Beginner to advanced

| AVAILABLE TESTS | LEVEL |
|-------------------------------|-------------------------------------|
| EJB 3.1 | Intermediate |
| Freemarker 2.x | Beginner and Intermediate |
| GWT | Intermediate |
| Hadoop | Intermediate |
| Hibernate 3.x | Beginner, Intermediate and Advanced |
| J2EE 1.4 | Intermediate |
| Java SE 6 | Beginner, Intermediate and Advanced |
| Java SE 7 | Intermediate and Advanced |
| Java SE 8 | Beginner, Intermediate and Advanced |
| JavaServer Faces 1.x | Intermediate and Advanced |
| JavaServer Faces 2.x | Beginner and Advanced |
| Java Servlet 3.0 | Intermediate |
| Java Servlets and JSPs | Intermediate |
| Java Development | Intermediate |
| Java Web Development (JSF) | Intermediate |
| Java Web Development (Spring) | Intermediate |
| JPA 2.0 | Intermediate |
| RichFaces & A4J | Beginner |
| Scala | Intermediate |
| SEAM2 | Intermediate |
| Spring 3.x | Beginner, Intermediate and Advanced |
| SWT 3.x | Intermediate |
| Vaadin 6.x | Beginner and Intermediate |

The “Java/J2EE” tests are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests include 20 to 30 questions to be answered at once and within a limited time, in order to avoid cheating. Certain of these tests are available in French.



3. PHP

The “**PHP**” tests allow you to assess your candidates' IT skills and knowledge level: beginner, intermediate and advanced level in PHP programming language.

These IT tests cover the following areas: procedural and object-oriented syntax, functions, tables, forms, cookies, sessions, regular PHP expressions etc.

The “**PHP**” tests include the latest web technologies and the most used versions of CMS Frameworks: PHP5, Joomla, Magento, Zend, Symfony, Doctrine, Unit testing with Symfony.



27 TESTS

20 to 30 questions

15 to 40 minutes

Beginner to advanced

| AVAILABLE TESTS | LEVEL |
|------------------------|-------------------------------------|
| CodeIgniter | Intermediate |
| Doctrine 1 | Intermediate |
| Doctrine ODM 2 | Beginner |
| Drupal 7.0 | Intermediate |
| Joomla | Intermediate |
| LAMP Development | Intermediate |
| Laravel5 | Intermediate |
| Magento | Beginner and Intermediate |
| OOP in PHP | Beginner |
| PHP 5.6 | Intermediate |
| PHP5 Development | Intermediate |
| PHP5 | Beginner, Intermediate and Advanced |
| PHP Symfony 1.x | Beginner, Intermediate and Advanced |
| PHP Symfony 2.x | Beginner, Intermediate and Advanced |
| UnitTests with Symfony | Beginner |
| Zend Framework 1.x | Beginner and Intermediate |
| Zend Framework 2 | Beginner, Intermediate and Advanced |

The “**PHP**” tests are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests include 20 to 30 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.



4. Systems and Networks

The “**Operating Systems and Networks**” IT tests cover multiple topics related to IT systems, production and operation: **Microsoft Systems (Windows 7,8, Windows Server 2008/2010/2012), Linux, Unix, Virtualization (VMWare and vSphere, Hyper-V/Windows), storage, etc.**

These tests allow you to assess your candidates' technical skills before hiring a system administrator, system engineer, production engineer, operations analyst, operations technician, etc.



19 TESTS

20 to 33 questions

10 to 30 minutes

Beginner to advanced

| AVAILABLE TESTS | LEVEL |
|------------------------------|-------------------------------------|
| AIX | Intermediate and Advanced |
| Cisco Routing | Intermediate |
| DevOps | Intermediate |
| Helpdesk L1 | Intermediate |
| Helpdesk L2 | Intermediate |
| Linux | Beginner, Intermediate and Advanced |
| MS Exchange Server 2010 | Intermediate |
| MS Hyper V | Intermediate |
| PowerShell | Intermediate |
| Shell Script | Intermediate |
| UNIX | Beginner and Intermediate |
| VMware vSphere | Intermediate |
| Windows Production Engineer | Intermediate |
| Windows Server Administrator | Intermediate |
| Windows System Engineer | Beginner |

The “**Operating Systems and Networks**” IT tests are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests include 20 to 33 questions to be answered only once and within a limited time, in order to avoid cheating. These tests are also available in French.



5. .NET

The **“.NET” tests** allow you to assess your candidates’ IT skills and knowledge: beginner, intermediate and advanced level in Microsoft .NET programming language.

The .Net Framework pre-employment testing cover the following fields: C sharp (C#) fundamentals, Web (ASP.NET, Silverlight, SharePoint) and Windows (WPF), as well as Windows Workflow Foundation (WF) advanced techniques. These tests focus on the most efficient design methods.



18 TESTS

12 to 30 questions

15 to 40 minutes

Beginner to advanced

| AVAILABLE TESTS | LEVEL |
|--|-------------------------------------|
| .NET 2.0 Windows Forms | Intermediate |
| .NET 3.5 Microsoft Workflow Foundation | Beginner and Intermediate |
| .NET 3.5 WF | Intermediate |
| .NET 3.5 Windows Service & WCF | Intermediate |
| .NET 3.5 WPF | Intermediate |
| .NET 4.0 | Beginner and Advanced |
| .NET 4.0 Silverlight | Intermediate |
| .NET Framework 2.0 | Advanced |
| ASP.NET MVC 4 | Beginner and Intermediate |
| C# 3.0 | Intermediate |
| C# 4.0 | Beginner, Intermediate and Advanced |
| SharePoint 2007 Developing | Advanced |
| SharePoint 2010 Developing | Advanced |

The **“.NET” tests** are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests include 12 to 30 questions to be answered only once and within a limited time, in order to avoid cheating. These tests are also available in French.



6. Business Intelligence

The “**Business Intelligence**” tests allow you to assess your candidates' skills and knowledge in Business Intelligence: beginner, intermediate and advanced level, related to data collection, data recording, data monitoring, data reporting, data mining and statistics tools.

These tests focus on decision support and business intelligence, such as: **Business Objects, SPSS, RapidMiner, SAS, Excel, R, KXEN Weka, Matlab, Knime, Microsoft SQL Server, Oracle and DM STATISTICA.**



14 TESTS

15 to 28 questions

15 to 40 minutes

Beginner to advanced

| AVAILABLE TESTS | LEVEL |
|----------------------------|-------------------------------------|
| BO XI 3.0 Web Intelligence | Intermediate and Advanced |
| DataStage PX | Beginner, Intermediate and Advanced |
| Informatica Power Center 8 | Intermediate |
| SAS Base | Intermediate |
| SAS | Beginner |
| SAS Reports | Beginner |
| SSAS | Intermediate |
| SSIS | Intermediate |
| SSRS | Intermediate |
| Talend | Beginner and Intermediate |

The “**Business Intelligence**” tests are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests include 15 to 28 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.



7. Databases

The “**Databases**” tests allow you to assess your candidates' IT skills and knowledge level: beginner, intermediate and advanced level.

These tests (MySQL, Microsoft SQL Server, MongoDB, Oracle Database, SQL and PL/SQL) cover all important data persistence systems and information representation techniques.



13 TESTS

15 to 30 questions

10 to 30 minutes

Beginner to advanced

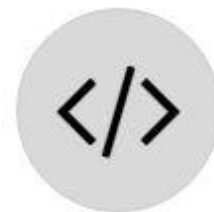
| AVAILABLE TESTS | LEVEL |
|------------------------|---------------------------|
| MongoDB Development | Intermediate |
| MySQL DBA | Beginner |
| MySQL Development | Intermediate |
| Oracle 11g generic | Intermediate |
| Oracle DBA | Beginner |
| Oracle Development | Intermediate |
| Oracle SQL Development | Advanced |
| PL/SQL | Intermediate |
| SQL and PL/SQL | Intermediate |
| SQL | Beginner and Intermediate |
| SQL Server Development | Beginner and Intermediate |

The “**Database**” tests are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 15 to 30 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.



8. Dynamic Languages

The “**Dynamic Languages**” **IT tests** allow you to assess your candidates’ skills and knowledge: beginner, intermediate and advanced level in dynamic languages (Python, Ruby and Perl) and related frameworks.



9 TESTS

15 to 20 questions

12 to 25 minutes

Beginner to advanced

| AVAILABLE TESTS | LEVEL |
|-----------------|---------------------------|
| Django | Intermediate |
| Perl | Intermediate |
| Python 2.x | Intermediate and Advanced |
| Ruby on Rails | Beginner and Intermediate |
| Ruby | Beginner and Intermediate |
| Twig | Beginner |

The “**Dynamic Languages**” **tests** are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 15 to 20 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.



9. Mobile Apps

The “**Mobile Apps**” tests allow you to assess your candidates’ skills and level: beginner, intermediate and advanced in iOS, Android and Windows 8.

Skills and knowledge for the design and the development of applications for mobile devices like smartphones and tablets, are among the most sought-after.



8 TESTS

15 to 22 questions

10 to 30 minutes

Beginner to advanced

| AVAILABLE TESTS | LEVEL |
|-----------------|-------------------------------------|
| Android | Beginner, Intermediate and Advanced |
| iOS | Beginner, Intermediate and Advanced |
| Swift | Intermediate |
| Windows 8 Metro | Intermediate |

The “**Mobile Apps**” tests are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. These tests consist of 15 to 22 questions to be answered once and within a limited time, in order to avoid cheating. The tests are also available in French.



10. Embedded Systems and Telecommunications

The “**Embedded Systems and Telecommunications**” tests allow you to assess your candidates’ skills on: Microprocessor architecture, usual microcontrollers, standard peripherals, digital integrated circuits, specific assembly language and C language.



7 TESTS

20 to 40 questions

12 to 40 minutes

Beginner to advanced

| AVAILABLE TESTS | LEVEL |
|-------------------------|-------------------------------------|
| 2G and 3G Networks | Beginner |
| Embedded C | Beginner, Intermediate and Advanced |
| Embedded systems Basics | Beginner and Intermediate |
| VOIP | Beginner |

The “**Embedded Systems and Telecommunications**” tests are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 20 to 40 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.



11. Office Automation Tools

The “Office Automation Tools” tests are designed to assist you in assessing your candidates’ beginner, intermediate and advanced level skills and knowledge in MS Office.

Skills and knowledge in office automation include the use of software that assists users in creating, collecting, storing, manipulating and organising office information needed for accomplishing basic tasks goals.

People involved in office automation are basically users of automation, providers of automation systems and tools-software, hardware engineers, management information scientists and the non-technical profiles who also use office automation on a daily basis.



6 TESTS

27 to 28 questions

30 minutes

Beginner to advanced

| AVAILABLE TESTS | LEVEL |
|-----------------|-------------------------------------|
| MS Excel 2010 | Beginner, Intermediate and Advanced |
| MS Word 2010 | Beginner, Intermediate and Advanced |

The “Office Automation Tools” tests are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 27 to 28 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.



12. Test Automation

The “**Test Automation**” tests allow you to assess your candidates’ technical knowledge of automated testing software and software testing methodologies.



5 TESTS

15 to 30 questions

12 to 40 minutes

Intermediate to advanced

| AVAILABLE TESTS | LEVEL |
|-----------------|--------------|
| JUnit | Advanced |
| Mantis | Intermediate |
| QTP v10 | Beginner |
| Selenium | Intermediate |
| TestNG | Intermediate |

The “**Test Automation**” tests are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 15 to 30 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.



13. General Purpose Compiled Languages

The “**General Purpose Compiled Languages**” tests allow you to assess your candidates’ skills in C/C++ programming and knowledge level: beginner and intermediate.

C++ is an object oriented programming (OOP) language, one of the most popular language in programming, used for graphical applications, such as those that run in Windows and Macintosh environments.

C is a high-level and general purpose programming language, one of the most used in programming, ideal for developing firmware or portable applications. It serves as a basis for many other programming languages more modern.



5 TESTS

15 to 20 questions

15 to 20 minutes

Beginner to intermediate

| AVAILABLE TESTS | LEVEL |
|-----------------|---------------------------|
| C | Beginner and Intermediate |
| C++ | Beginner and Intermediate |
| CPP Unit | Intermediate |

The “**General Purpose Compiled Languages**” tests are available as Multiple Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 15 to 20 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.



14. Computer Aided Graphic Design

The “**Computer Aided Graphic Design**” tests allow you to assess the mastery of computer assisted graphics and vector drawing tools. These tests are necessary to assess the level of a candidate for a web designer position or to evaluate one of your employees’ level. The tests are available in two different levels: beginner and intermediate. These tests cover most software used in graphics and design: Adobe Photoshop, Illustrator, Quark and InDesign.



4 TESTS

20 questions

15 to 30 minutes

Beginner to intermediate

| AVAILABLE TESTS | LEVEL |
|-----------------|---------------------------|
| Adobe Photoshop | Beginner and Intermediate |
| Illustrator | Intermediate |
| Quark 6 | Intermediate |

The “**Computer Aided Graphic Design**” tests are available as Multiple Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 20 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.



15. IT Security

The “IT Security” tests rely on security questions covering the fundamental principles of access control, encryption, threats and best software development practices. They measure the expertise and knowledge level within the field of systems, networks and applications. They have been especially created for assessing the skills of IS security experts as well as design and software development engineers.



3 TESTS

20 to 30 questions

25 to 30 minutes

Intermediate

| AVAILABLE TESTS | LEVEL |
|--|--------------|
| Cisco CCNA Security | Intermediate |
| CISSP Software Development, Architecture and Design Security | Intermediate |
| CISSP Access Control and Cryptography | Intermediate |

The “IT Security” tests are available as Multiple Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 20 to 30 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.



16. WinDev

WinDev is a software platform that allows programmers to quickly develop applications for all operating systems: Windows, Linux and MAC. It helps you understand if a candidate knows how to use an integrated software in order to develop cross-platform applications.

The “**WinDev**” tests are also available in French, and structured as Multiple-Choice Questions (MCQ). Each test contains 20 questions to be solved within a limited time. The “WinDev” tests can be used for hiring candidates like: WinDev developers, WinDev specialist, WinDev expert.



3 TESTS

20 questions

20 minutes

Beginner to advanced

| AVAILABLE TESTS | LEVEL |
|-----------------|-------------------------------------|
| WinDev | Beginner, Intermediate and Advanced |



17. System Analysis, Architecture and Design

The “**System Analysis, Architecture and Design**” tests cover software architecture skills, from collection and formalisation techniques to the Design Patterns application methods, taking you through the mastering of architectural styles (REST, mediation, n-tier).

These skills are required from any software developer, software component developer or potential candidate for writing the technical part of a business proposal. The skills grouped under this category are independent from languages and frameworks implementation.



2 TESTS

20 questions

25 to 30 minutes

Beginner to intermediate

| AVAILABLE TESTS | LEVEL |
|-------------------|---------------------------|
| Business Analysis | Beginner and Intermediate |

The “**System Analysis, Architecture and Design**” tests are available as Multiple Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 20 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.



18. Game Development

The video game development, smartphone game development or Serious Games development need specific IT skills for designing network or smartphone games, real-time animations, as well as for managing 3D, video and audio interactive contents.

Video game designers such Unity video game developers are endowed with technical skills (Unity3D, C#, network, databases, iOS, Android, PHP5, OOP, etc.) that you can immediately assess with our IT tests, for instance, when recruiting a video game developer.



2 TESTS

20 to 25 questions

25 to 30 minutes

Beginner to intermediate

| AVAILABLE TESTS | LEVEL |
|-----------------|---------------------------|
| Unity3D | Beginner and Intermediate |

The “**Game Development**” tests are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 20 to 25 questions to be answered once and within a limited time, in order to avoid cheating. The Unity3D IT tests are also available in French.



19. SAP

The “**SAP**” tests are available as Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 20 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.



2 TESTS

20 questions

30 minutes

Beginner to intermediate

| AVAILABLE TESTS | LEVEL |
|-----------------|--------------|
| SAP MM | Intermediate |
| SAP SD | Beginner |



20. E-Marketing

The “E-Marketing” tests allow you to assess your candidates’ knowledge of e-Marketing such as Search Engine Optimisation (SEO) and Search Engine Advertising (SEA).

Search Engine Optimisation (SEO) refers to strategy or techniques that help boost the ranking of frequency of a website in the results returned by a search engine so that traffic can be generated and relevant visitors are attracted by that website.

Either you are a startup or a multinational, SEO is a must-have of any online marketing strategy.



2 TESTS

20 questions

10 minutes

Intermediate

| AVAILABLE TESTS | LEVEL |
|--------------------|--------------|
| SEO | Intermediate |
| SEO for developers | Intermediate |

The “E-Marketing” tests are available Multiple-Choice Questions (MCQ). Several answers are sometimes possible. The tests consist of 20 questions to be answered once and within a limited time, in order to avoid cheating. These tests are also available in French.