

VirtualAssessor®

The easy- to- use online testing / survey system that enables you to create and administer testing and assessment of learners and / or conduct surveys.

Experience the convenience and efficiency of the Internet to manage online tests and surveys in order to better monitor and measure competency, knowledge and attitude in your organisation.

VirtualAssessor® enables you to;

- Determine the training needs by testing job competencies
- Measure the effectiveness of training by delivering pre- and post-training assessments.
- Monitor individual performance quickly and easily.
- Provide online tests and assessments for online or classroom-based learners
- Provide invigilated examinations
- Conduct online surveys for client or learner profiling.
- Create and deliver fun and entertaining quizzes.
- Use your time more efficiently. Automatic marking gives you more time for analysing results at the level of learners, tests and questions



The VirtualAssessor® System:

- Runs over the Internet or an Intranet
- Generates reports on exam results, user details etc
- Enables random generation questions in tests
- Enables allocation of questions to sections with different weighting of marks
- Provides immediate user feedback
- Enables printing of tests and manual capture of marks for learners without PC access
- Can incorporate graphics, video, hyperlinks etc
- Provides multiple sites on one installation
- Sites can be customised with brand identity
- Provides secure registration and user verification

VirtualAssessor® comprises two parts: the Administrator System from which tests and learners are administered; and the Assessor system in which the learner accesses tests or surveys.

Taking a Test / Survey

The learner accesses tests, quizzes or surveys via the Internet or an intranet. The interface is fully customisable for your organisation's corporate identity. Access can be configured to include pre-registration or self-registration of learners.

When setting up tests there are options to allow learners: flexible navigation through a test; feedback on answers; immediate scores and answers; and viewing of test history.

Tests can also be invigilated and/or delivered in a secure testing environment that limits printing, navigation and copy functionality.



Creating Questions and Answers

Q&A are created and managed in categories and sub-categories via **Question Bank Manager**. They can be edited, deleted, copied and moved between banks.

- **Question formats:** MCQ, Yes/No, True/False, freeform, numeric, pick lists, matching, fill in the blank, hotspot
- Q&A can include HTML and a spell checker
- **Multimedia:** images, video, virtual tours, sound and hyperlinks
- **Scoring mechanisms:** question weighting and negative marking

Bank - General Knowledge (3)

- Currency (4/4)
- Language (4/4)
- South Africa (7/7)

Return to Find Question Bank

Icon Guide

- Add new category
- View questions for category
- Delete category
- Preview question
- Edit question
- Delete question

Category: South Africa

Display Level: Summary Details Revision: Latest revision only

Question Keyword: Type: All Types

No.	ID	Question	Type	Score
7	13249	Match the capital cities to the regions.	Matching	3
6	13248	The river that separates South Africa and Zimbabwe is the _ River.	Pick List	1
5	13246	How many provinces are there in SA?	Numeric	1
4	13245	The 3 colours of the South African flag are red, _ and _.	Fill In The Blanks	1
3	13236	What South Africa's approximate population (in millions)?	Numeric Range	1
2	13234	Cape Agulhas is the the southern-most tip of Africa.	True/False	1
1	13232	The following cities can be found in South Africa.	Multi-MCQ	3

Creating Tests/Surveys

The **Test Manager** manages the publishing, revising and archiving of tests/surveys. It enables you to search, include optional and compulsory sections, copy tests/surveys, and select questions sequentially or randomly from Question Banks. Tests/Surveys can be previewed, printed and scores for paper versions can be manually captured. In addition test properties include the following:

Test - General Knowledge

- Introduction (7)
- General Knowledge > South Africa Questions: 7 RANDOM
- Language (4)
- General Knowledge > Language Questions: 4
- Currency (4)
- General Knowledge > Currency Questions: 4

Select questions to add to 'Introduction': General Knowledge > South Africa

Category: THERE ARE NO SUB-QUESTION BANKS

Select Questions

Make 7 of 7 questions required and pose in RANDOM order.

Select	Order	ID	Question	Type	Score	DPT	Survey
<input checked="" type="checkbox"/>		13249	Match the capital cities to the regions.	Matching	3	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>		13248	The river that separates South Africa and Zimbabwe is the _ River.	Pick List	1	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>		13246	How many provinces are there in SA?	Numeric	1	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>		13236	What South Africa's approximate population (in millions)?	Numeric Range	1	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>		13245	The 3 colours of the South African flag are red, _ and _.	Fill In The Blanks	1	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>		13234	Cape Agulhas is the the southern-most tip of Africa.	True/False	1	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>		13232	The following cities can be found in South Africa.	Multi-MCQ	3	<input type="checkbox"/>	<input type="checkbox"/>

- Show immediate results, solutions, print certificate
- Various feedback and reviewing options for each question or section
- Secure Testing Environment (STE)
- Invigilated sessions
- Set and display time limits
- Format tests/surveys to display one question or one section per page and milestone summaries
- Preconditions for test taking
- Test/Survey availability (by date, time and learner group)

Managing Learners

The **Learner Manager** enables you to create, find and access learner details and test histories. It displays detailed learner session information (number of sessions, learner's answers, results and session duration) for all tests taken by a particular learner.

Reporting on Results/Responses

The Report Manager enables you to generate various reports that can be displayed in VirtualAssessor®, printed or exported to your PC for viewing in Excel.

Site and User Management

The **User Manager** allocates administrative permissions and roles for users. These include:

- Helpdesk: can reset passwords only
- Reporter: can run reports and access learner results
- Manager: can run reports, access learner results, and access test question and answers
- Invigilator: (used in an exam center environment) needs to verify learners and launch exam session
- Author: can add question and answers only
- Site and Global administrator: manages permissions and access to the site or system

System Requirements

Server Requirements: Standard PC-based system with OS: Redhat Linux v6.1 (or later), Windows Server NT/2000/2003, Sun Solaris 7 (or later). **Web Server:** Jakarta Tomcat v4.1.29 for Linux, Solaris and Windows NT/2000/2003. **Database:** Option 1: Microsoft SQL Server 2000, Option 2 can be ported to other databases as required e.g. Oracle, Sybase.

Client Requirements: Browser: IE v6.0 (or later), or any other IE 6.0 compatible browsers that are JavaScript v1.0/1.1/1.2 enabled. Plug-ins as required for multimedia resources.

Session Activity Report

General Search Criteria

Registrations: General Knowledge

Date Range: From: 26/07/2005 Clear To: 26/07/2005 Clear

Status: Abnormally Terminated Completed Stopped Timed Out

Pass/Fail: Active Sessions

Learner: ALL

Test Display Criteria

Test: ALL

Revision: (only shows revisions with sessions)

Section: Show results for each Section (When printing set the "Orientation" to "Landscape")

Group By: Learner Test Revision



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