



MultiTest Examination System

MultiTest Examination Module

Based on the PRINT & SCAN concept, the **MultiTest Examination** system allows users to create and set tests, coursework or examinations. Supplied either as a stand alone system or with an optional **QUESTION/ITEM BANK** module the system supports multiple question types including-

- MCQ's (Multiple Choice Questions)
- True/False
- Yes/No
- Extended Matching
- Multiple Correct Answers

On paper based systems, lecturers can mark the correct answers on a pre-defined form with up to two hundred questions allowed or simply select questions from the **QUESTION/ITEM BANK**, which then automatically generates the correct answers for comparison with the candidates responses.

Screen based form checking and correction, whilst scanning, is included as well as full reporting functions. These include student feedback, batching options, question reliability, discrimination and additional graphical display options. These are all available through the **REPORT WIZARD**, which allows reports to be defined to suit individual requirements as well as the ability to exclude questions from the results. **Web** based testing can also be undertaken using forms generated by the software thus giving a system that is -

- ☺ **Competitive** - and price sensitive costs when compared to other systems.
- ☺ **Flexible** - ability to automatically integrate into an institution's main MIS system.
- ☺ **Instant Access** - to test and assessment results
- ☺ **Choice** - can be tailored to suit individual needs or used as an off the shelf system

QUESTION/ITEM BANK MODULE

Linking with the MultiTest Examination software above, the optional **QUESTION/ITEM BANK** module allows users to generate questions from a previously created common question pool. It contains a multi-tiered bank option which permits users to have as many sub headings to a main subject title as required. A common question pool can be created as well as password protected subsections for individual administrators or lecturers with speciality options.

Question history such as reliability, last use, number of times used is included as well as the ability to randomly generate questions from selected sections and not repeat the same questions immediately on future selections. Weightings by question and response is available plus the ability to set the correct answer to questions and to create multi stem MCQ's and multiple correct answer questions.

The screenshot displays several overlapping windows from the MultiTest Examination software:

- Question Analysis Report (Current Question: 3):** A bar chart showing performance across five bands (Band 1 to Band 5).
- Question Analysis & Test Summary Report:** A detailed report for the Department of Chemistry, Module CMA003, dated 26 Oct 01. It includes a table of results for questions A through E, with columns for Correct, Wrong, Null, and Multiple choice, along with percentages and scores.
- Candidate Answer Sheet (EAF3 - 09/08):** A form for recording candidate answers, including fields for Candidate Number, Centre Name, and Centre Number.
- Summary Examination Report:** A report showing overall statistics: Total Passmark: 60%, Number of papers processed: 30, and Marking Scheme: Correct: 1, Incorrect: 0, Blank: 0.
- Correct Answers Report (By Page):** A bar chart showing the distribution of correct answers across different pages.
- Form Results:** A window showing a grid of results for individual candidates, with columns for Question ID, Correct, Incorrect, Penalty, Part 1 Score, Part 2 Score, and Result.