Multiple Choice Question (MCQ): Marking and Examination Solutions.
What is the DRS MCQ solution?
It is an easy to administer multiple choice question (MCQ) marking and examination system that is proven to deliver fast and accurate results with minimal resources.

Who would benefit from using the DRS MCQ solution?
Designed with the needs of examination boards, education organisations and candidates in mind, our MCQ solution is ideal for Primary School leaving examinations as well as Secondary and High School examinations such as Grade 8, Grade 10 and Grade 12.

Organisations that use the MCQ solution typically realise the following benefits:
Increased efficiency through automated capture of student registration details

Reduction in fraud & malpractice by utilising validation checks such as photo ID

Increased data quality through the use of check digits preventing keying errors

Reduction in time for analysis of marks and other post-examination processes

Faster publication of results

Quicker on-screen response retrieval by using the electronic image data store
How does it work?

Our MCQ solution manages candidates through a controlled and staged process that includes:

- Registration for a set of exams, including candidates photo
- Production of admission cards for entry to the exams with photo ID
- Scanning and processing of MCQ forms including auto-marking
- Process analysis and exception management
- Data analysis for selection of pass mark
- Results publication and certificate production
DRS supply everything an organisation needs to take advantage of the MCQ marking solution including:

- Candidate registration forms or online registration website
- Candidate attendance cards
- Candidate answer sheets
- Hardware and software to process examinations and candidate certificates
Scanning systems with real-time checking that ensures each registration and answer form is scanned correctly and belongs to the correct batch, plus real-time de-duplication.
Solution Summary

• high speed scanners (up to 9,000 sheets per hour) capable of simultaneous OMR and multiple image capture
• OMR registration forms with photograph attachment facility, guaranteed to scan accurately and efficiently using the provided scanners
• batch logging systems at point of receipt of both registration and answer forms from exam centres
• scanning systems with real-time checking that ensures each registration and answer form is scanned correctly and belongs to the correct batch, plus real-time de-duplication
• post scanning multi-user key correction screens for correcting from image any invalid data such as candidate registration numbers. Includes a “pass to supervisor” option
• industry leading mark recognition rates with automatic differentiation of true responses and rub outs prevent unintended multiple mark recognition
• duplicate candidate number resolution screens to compare images of answer forms against candidate registration data
• real-time progress checking of all aspects of the registration and exam marking process and rapid resolution of any discrepancies
• laser printing systems to generate attendance registers, attendance cards, centre summary reports and certificates
• post results reporting and data extracts for full analysis of exam data
• optional automated ranking and item level analysis reports allows quick and accurate checking of mark schemes and setting of appropriate pass marks

HIGH SPEED SCANNERS
(up to 9,000 sheets per hour)
Answer sheets with unique barcodes to allow automatic de-duplication, ignoring forms scanned more than once.
Key features:

Printing OMR compatible forms

• registration forms, with Photofix patches allow passport style photographs to be attached to registration forms that are pre-printed with a barcode to ensure each form is unique
• answer sheets with unique barcodes to allow automatic de-duplication, ignoring forms scanned more than once

Printing ancillary forms

• attendance cards supplied in A4 sheets with 4 cards to a sheet ready for laser printing with candidate details, subjects to be taken and candidate photos, perforated to allow easy separation into individual cards
• certificates ready for laser printing with candidate details, photos and results

Providing and installing

• DRS high speed PhotoScribe® scanners, printers, appropriate servers, network equipment and backup hardware
• software, operating systems, database, DRS processing systems and a backup solution
Benefits of the DRS Multiple Choice Question (MCQ) Marking and Examination System:

Registration (optional)
• provides fast, automated capture of student registration details
• automated allocation of student registration numbers with check digits to prevent keying errors
• scan student photographs for use on individual attendance cards preventing fraud
• provides fast automated production of attendance registers and cards

Examination Marking
• allows automated marking of multiple choice exams
• fast automated capture of exam results with full tracking to ensure every result has been captured

Results Reporting (optional)
• automated results reports, with a percentile ranking report to simplify selection of pass marks

• provides automated production of certificates with candidate photos
• stores electronic images of all registration and exam forms for fast on-screen retrieval

Post-Examination Analysis
• exam data stored in a database for rapid post-exam analysis of results including item level analysis

Professional Support
• for system and scanners available from our local agents

Instant Reporting
• management can track all stages of the examination process

Simple User Interface and Comprehensive Training
• ensures the system is easy to use and maintain

Flexibility
• can be tailored to meet the exact requirements of any individual awarding body

Cost-effective Solution
• massively reduces labour costs and greatly reduces processing time
Multiple Choice Question (MCQ) is a proven system that has demonstrated its ability to provide fast and accurate results with minimal resources.

Next Steps:
To find out more about how the Multiple Choice Question (MCQ): Marking and Examination Solution could work for you:

1. Book a one-to-one pre-evaluation demonstration with our technical experts today: www.drs.co.uk/demo. We'll focus on areas relevant to your organisation, making the whole process as productive as possible for you.

2. Access our Knowledge Centre: www.drs.co.uk/knowledge-centre where you will find resources that demonstrate DRS’ proven track record of delivering easy to administer multiple choice question (MCQ) marking and examination solutions.

3. For more information about the MCQ solution available from DRS, simply go to www.drs.co.uk/about-us/contact-us.