GCE

OCR
RECOGNISING ACHIEVEMENT

MEI Structured Mathematics

OCR Advanced Subsidiary GCE Unit 4776/02 Numerical Methods
Coursework Assessment Form

Task: Candidates are expected to investigate a problem which is suitable for numerical solution, using one of the methods in the specification.

Coursework Title		Date	
Candidate Name		**Candidate number**	
Centre Name		**Centre number**	

Domain	Mark	Description	Comment	Mark
Problem specification	1 1	An appropriate problem is identified. There is a correct explanation of why it is appropriate for numerical solution.		
Strategy	1 1	An appropriate procedure is used. The candidate explains why the procedure to be adopted is appropriate to the problem.		
Formula application	1 1 1	There is an application of routine algorithms and methods, which is at least partially correct. There is a substantial application of routine algorithms and methods which is largely correct. The application is fully correct.		
Use of technology	1 1	Appropriate use is made of calculator or computer software. It is clearly explained.		
Error analysis	1 1 1	There is a competent analysis of errors, but it may be brief. The analysis is developed for the particular problem, either from theoretical formulae or iteration of methods to achieve convergence. This development leads to an improved solution.		
Interpretation	1 1 1 1	The solution is clearly expressed. The solution is produced to a high degree of accuracy (e.g. 6 significant figures). In addition there is a discussion of the validity of the solution. Possible limitations are identified.		
Oral Communication	2	Presentation Interview Discussion	Please tick at least one box and give a brief report.	
Half marks may be awarded but the overall total must be an integer			**TOTAL/18**	

Coursework must be available for moderation by OCR

INSTRUCTIONS FOR COMPLETION OF THIS FORM

1   One form should be used for each candidate.

2   Please ensure that the relevant information is provided in the spaces at the top of the form.

3   Enter comments and mark awarded for each domain in the relevant boxes. Half marks are permissible, but the overall total out of 18 (see point 4) must be an integer.

4   Add up the marks awarded for all the domains to give an overall total out of 18. Enter this total in the relevant box.