**Applied ICT** 

OCR GCE H515/H715 Unit G049

**Unit Recording Sheet** 

Please read the instructions before completing this form				Examination Session Year								
Unit Code G049		Unit Title	Numerical modeling using sp				sprea	dsheets				
Centre Number			Centre Name									
Candidate Number			Candidate Nam	е								
Evidence: T numerical m problems; a spreadsheet performance	The candidate odeling; evid specification works, and u	e's evid ence o for tes user do	lence needs to includ f implementing their s ting their spreadshee ocumentation that exp	le: a design specification solution using suitable ent it, and evidence of the res plains how it is used; an ev	that a ry aids ults of /aluati	nalyses s and p these on of th	a suit rocess tests; t ne effe	able prob ing facilit echnical ctiveness	blem and des ties; a record documentati s of their solu	scribes how t of how they on that expla tion and thei	hey will solve overcame the ins how their r personal	it by ir
If work is a re-sit, Se please tick pre		Ses pre	ssion and Year of evious submission	January/June	2	0			Please tick to been standa	o indicate this rdised interna	s work has ally	
Page	A.1 Crite	ria (0	) - 1 - 2 marks)					Co	omment			
	<ul> <li>The candidate produces an analysis of a problem that identifies the main user requirements and a design specification that takes account of these requirements and that identifies the numerical processing required and how output will be presented;</li> <li>A.2 Criteria (3 - 4 - 5 marks)</li> <li>The candidate produces an analysis of a problem that fully identifies the user requirements and a design specification that is complete and that provides full details of sources of data, numerical processing required, user aid on extended.</li> </ul>											
Morte			7 morke)					_				
(Max 7)	A.3 Criteria (6 - 7 marks) <ul> <li>The candidate produces a detailed analysis of a complex problem and user requirements along with a design specification that provides a clear, precise and complete description of a numerical modelling solution to the problem that could be implemented by someone else.</li> </ul>						1					
Page	B(i).1 Cri	iteria	(0 - 1 - 2 marks)					Co	omment			
	☐ The candidate implements a numerical modelling spreadsheet solution to a problem;						0					
	B(i).2 Cri	iteria	(3 - 4 - 5 marks)									
	The candidate implements an easy to use numerical modelling spreadsheet solution that solves a problem effectively;											
Mark	B(i).3 Criteria (6 - 7marks)											
(Max 7)	□ The candidate implements a complete, effective, efficient and easy to use numerical modelling spreadsheet solution to a complex problem.							e				
Page	B(ii).1 Criteria (0 - 1 - 2 marks)					Co	omment					
	The candidate produces a numerical modelling spreadsheet solution that includes data entry, numerical processing and output;					τ						
	B(ii).2 Criteria (3 - 4 - 5 marks)											
	□ The candidate produces a numerical modelling spreadsheet solution that includes data entry, specialist numerical processing functions, complex spreadsheet facilities and presentation of output;							t				
	B(ii).3 Criteria (6 - 7 - 8 marks)											
Mark (Max 8)	□ The candidate produces a numerical modelling spreadsheet solution that includes appropriate use of a range of specialist numerical processing functions and complex spreadsheet facilities for data entry, numerical processing and presentation of output.											

URS814 Devised December 2010

RECOGNISING ACHIEVEMENT

Image: market is a solution, including methods used to overcome problems;         C: C: Criteria (3 - 4 marks)           C: C: Criteria (3 - 4 marks)         C: C: Criteria (3 - 4 marks)           C: C: Criteria (3 - 4 marks)         C: C: Criteria (3 - 4 marks)           C: C: Criteria (3 - 4 marks)         C: C: Criteria (3 - 4 marks)           C: C: Criteria (5 marks)         C: C: Criteria (5 marks)           C: C: Criteria (5 marks)         C: C: Criteria (5 marks)           C: C: Criteria (0 - 1 - 2 marks)         Comment           Mark (M: V)         C: C: Criteria (0 - 1 - 2 marks)         Comment           D: C: Criteria (2 - 4 marks)         Comment         Comment           D: C: Criteria (2 - 4 marks)         Comment         Comment           D: C: Criteria (2 - 4 marks)         Comment         Comment           D: C: Criteria (2 - 4 marks)         Comment         Comment           D: C: Criteria (2 - 4 marks)         Comment         Comment           D: C: Criteria (2 - 4 marks)         Comment         Comment           D: C: Criteria (2 - 4 marks)         Comment         Comment           D: The candidate produces a basic ba	Page	C.1 Criteria (0 - 1 - 2 marks)	Comment
C.2 Criteria (3 - 4 marks)         Contract         Contrent         Contract     <		The candidate produces a record of the strategy used to implement the spreadsheet solution, including methods used to overcome problems;	
Image: The candidate produces a record of the strategy used to implement the spreadsheet foultion, the candidate show that the solutions used to overcome problems show an understanding of both the user's needs and the effective use of spreadsheet foulties;         E.3 Criteria (5 marks)       Image: The candidate produces a record of the strategy used to implement the spreadsheet foulties;         Mark (Mxx s)       Image: The candidate produces a record of the strategy used to implement the spreadsheet foulties;         Pege       D.1 Criteria (0 - 1 - 2 marks)       Comment         Page       D.1 Criteria (0 - 1 - 2 marks)       Comment         Image: The candidate produces a test specification and provides evidence that it was used to test that the spreadsheet is functional and that the results are accurate;       D.2 Criteria (3 - 4 marks)         Image: The candidate produces a test specification that includes acceptable and unacceptable input, and expecide output, and provides evidence that it was used to adequately test the functionality and accuracy of the spreadsheet solution and that the solution meets the requirements of the design specification;         D.3 Criteria (5 - 6 - 7 marks)       Comment         Image: The candidate produces a detailed test specification which tests all associated error measages;       Image: The candidate produces a detailed test specification;         Image: The candidate produces clear technical documentation that identifies the requirements of the design specification;       Comment         Image: The candidate produces clear technical documentation that identifies the requirements of the design		C.2 Criteria (3 - 4 marks)	
C.3 Criteria (5 marks)		□ The candidate produces a record of the strategy used to implement the spreadsheet solution, the candidate show that the solutions used to overcome problems show an understanding of both the user's needs and the effective use of spreadsheet facilities;	
Mark (Mxx)         The candidate produces a record of the strategy used to implement the spreadsheet overcome problems (uning implementation; analytical and critical analytical and critical implementation; the candidate's methods will fully address the user's needs and make effective use of spreadsheet facilities.         Comment           Page         D.1 Criteria (0 - 1 - 2 marks)         Comment           Implementation (Comparison)         Implementation (Comparison)         Implementation)           Implementation (Comparison)         Implementation (Comparison)         Implementation (Comparison)		C.3 Criteria (5 marks)	
Mark (Mar X)       Content         Page       D.1 Criteria (0 - 1 - 2 marks)       Comment         Page       D.1 Criteria (0 - 1 - 2 marks)       Comment         Data       Comment       Comment         Bage       D.1 Criteria (0 - 1 - 2 marks)       Comment         Description       Comment       Comment         Bage       D.1 Criteria (0 - 1 - 2 marks)       Comment         D.2 Criteria (3 - 4 marks)       Comment       Comment         D.3 Criteria (3 - 4 marks)       Comments       Comment         D.3 Criteria (5 - 6 - 7 marks)       Comments       Comment         D.3 Criteria (6 - 6 - 7 marks)       Comments       Comment         Mark (Max 7)       D.3 Criteria (6 - 1 - 2 marks)       Comment         Page       E.1 Criteria (0 - 1 - 2 - 3 marks)       Comment         Page       E.1 Criteria (0 - 1 - 2 - 3 marks)       Comment         Page       E.1 Criteria (0 - 1 - 2 - 3 marks)       Comment         Immedial produces clear technical documentation that includes explanation that includes copies of the solution with a full range of acceptable and unacceptable       Comment         Page       E.1 Criteria (0 - 1 - 2 - 3 marks)       Comment         Immedial produces clear technical documentation that includes copies of menus and screens used, instructions on data	Mark (Max 5)	The candidate produces a record of the strategy used to implement the spreadsheet solution, the candidate use methodical, analytical and critical approaches to overcome problems during implementation;	
Page       D.1 Criteria (0 - 1 - 2 marks)       Comment <ul> <li>The candidate produces a basic test specification and provides evidence that it was used to test that the spreadsheet is functional and that the results are accurate;</li> <li>D.2 Criteria (3 - 4 marks)</li> <li>The candidate produces a test specification that includes acceptable and unacceptable input, and expected output, and provides evidence that it was used to adequately test the functionality and accuracy of the spreadsheet solution and that the solution metes the requirements of the design specification;</li> <li>D.3 Criteria (5 - 6 - 7 marks)</li> <li>The candidate produces a detailed test specification which tests all aspects of the solution with a full range of acceptable and unacceptable input, expected output, and any associated error messages;</li> <li>The candidate provides evidence that it was used to fully test the functionality and accuracy of the spreadsheet solution and that the solution fully meets the requirements of the design specification.</li> </ul> <li>Page E.1 Criteria (0 - 1 - 2 - 3 marks)</li> <li>Comment</li> <li>The candidate produces clear technical documentation that identifies the numerical processing methods used, and user documentation that includes copies of menus and streens, instructions on data entry and routes through the spreadsheet menus, and the output sexpected;</li> <li>E.2 Criteria (4 - 5 marks)</li> <li>The candidate produces technical and user documentation includes explanations of all technical aspects of the solution, the user documentation includes explanations of all technical aspects of the solution includes explanations of all technical aspects of the solution of all user documentation includes explanations of all technical aspects of the solution on taludes explanations of all t</li>		the candidate's methods will fully address the user's needs and make effective use of spreadsheet facilities.	
Mark (Mark) <ul> <li>The candidate produces a basic test specification and provides evidence that it was used to test that the spreadsheet is functional and that the results are accurate;</li> <li>D.2 Criteria (3 - 4 marks)</li> <li>D.2 Criteria (3 - 4 marks)</li> <li>D.2 Criteria (3 - 6 - 7 marks)</li> <li>D.3 Criteria (5 - 6 - 7 marks)</li> <li>D.3 Criteria (5 - 6 - 7 marks)</li> <li>The candidate produces a detailed test specification which tests all aspects of the solution meets the requirements of the design specification;</li> <li>D.3 Criteria (6 - 1 - 2 - 3 marks)</li> </ul> <li>Page E.1 Criteria (0 - 1 - 2 - 3 marks)</li> <li>Comment</li> <li>E.2 Criteria (4 - 5 marks)</li> <ul> <li>The candidate produces cleat especification.</li> </ul> <li>Page E.1 Criteria (0 - 1 - 2 - 3 marks)</li> <li>Comment</li> <li>E.2 Criteria (4 - 5 marks)</li> <li>The candidate produces cleat especification.</li> <li>E.3 Criteria (5 - 6 - 7 &amp; marks)</li> <li>Mark (Max 7)</li> <li>The candidate produces cleat especification.</li>	Page	D.1 Criteria (0 - 1 - 2 marks)	Comment
D.2 Criteria (3 - 4 marks)         □ The candidate produces a test specification that includes acceptable and unacceptable input, and expected output, and provides evidence that it was used to adequately test the functionality and accuracy of the spreadsheet solution and that the solution meets the requirements of the design specification;         D.3 Criteria (5 - 6 - 7 marks)         □ The candidate produces a detailed test specification which tests all aspects of the solution with a full range of acceptable and unacceptable input, expected output, and any associated error messages;         Mark (Max 7)         □ the candidate produces a clear technical documentation that the solution tully meets the requirements of the design specification.         Page       E.1 Criteria (0 - 1 - 2 - 3 marks)         Comment       □         □ The candidate produces clear technical documentation that identifies the numerical processing methods used, and user documentation that includes copies of menus and screens used, instructions on data entry and routes through the spreadsheet menus and the outputs expected;         E.2 Criteria (4 - 5 marks)       Comment         □ The candidate produces technical and user documentation that makes use of graphic images, their technical and user documentation includes explanation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages.         E.3 Criteria (6 - 7 - 8 marks)       □         □ The candidate produces complete, high-quality, stand-alone technical and user documentation includes explanations		□ The candidate produces a basic test specification and provides evidence that it was used to test that the spreadsheet is functional and that the results are accurate;	
Mark (Max R) <ul> <li>The candidate produces a test specification that includes acceptable and unacceptable input, and expected output, and provides evidence that it was used to adequately test the functionality and accuracy of the spreadsheet solution and that the solution meets the requirements of the design specification;</li> <li>D.3 Criteria (5 - 6 - 7 marks)             <ul> <li>The candidate produces a detailed test specification which tests all aspects of the solution with a full range of acceptable and unacceptable input, expected output, and any associated error message;</li> </ul> <li>Mark (Max r)</li> <li>The candidate provides evidence that it was used to fully test the functionality and accuracy of the spreadsheet solution and that the solution fully meets the requirements of the design specification.</li> </li></ul> <li>Page E.1 Criteria (0 - 1 - 2 - 3 marks)</li> <li>Comment</li> <li>E.2 Criteria (4 - 5 marks)         <ul> <li>The candidate produces clear technical documentation that identifies the numerical processing methods used, and user documentation that includes copies of menus and sceners used, instructions on data entry and routes through the spreadsheet menus and the outputs expected;</li> <li>E.2 Criteria (4 - 5 marks)             <ul> <li>The candidate produces technical and user documentation includes explanation includes</li> <li>copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages;</li> <li>E.3 Criteria (6 - 7 - 8 marks)</li></ul></li></ul></li>		D.2 Criteria (3 - 4 marks)	
D.3 Criteria (5 - 6 - 7 marks) <ul> <li>The candidate produces a detailed test specification which tests all aspects of the solution with a full range of acceptable and unacceptable input, expected output, and any associated error messages;</li> <li>input, expected output, and any associated error messages;</li> <li>the candidate provides evidence that it was used to fully test the functionality and accuracy of the spreadsheet solution and that the solution fully meets the requirements of the design specification.</li> </ul> Page         E.1 Criteria (0 - 1 - 2 - 3 marks)         Comment <ul> <li>The candidate produces clear technical documentation that includes copies of menus and screens used, instructions on data entry and routes through the spreadsheet menus and the outputs expected;</li> <li>E.2 Criteria (4 - 5 marks)</li> <li>The candidate produces technical and user documentation that makes use of graphic images, their technical documentation includes explanations of all technical aspects of the solution, the user documentation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages;</li> </ul>		□ The candidate produces a test specification that includes acceptable and unacceptable input, and expected output, and provides evidence that it was used to adequately test the functionality and accuracy of the spreadsheet solution and that the solution meets the requirements of the design specification;	
Mark (Max 7)       The candidate produces a detailed test specification which tests all aspects of the solution with a full range of acceptable and unacceptable input, expected output, and any associated error messages;         Mark (Max 7)       the candidate provides evidence that it was used to fully test the functionality and accuracy of the spreadsheet solution and that the solution fully meets the requirements of the design specification.         Page       E.1 Criteria (0 - 1 - 2 - 3 marks)       Comment         The candidate produces clear technical documentation that identifies the numerical processing methods used, and user documentation that includes copies of menus and screens used, instructions on data entry and routes through the spreadsheet menus and the outputs expected;       E.2 Criteria (4 - 5 marks)         The candidate produces technical and user documentation includes explanations of all technical aspects of the solution, the user documentation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages;         E.3 Criteria (6 - 7 - 8 marks)       The candidate produces complete, high-quality, stand-alone technical and user documentation includes explanations of all technical appets of all technical aspects of the solution that makes effective use of graphic images, their technical aspects of the solution that makes effective use of graphic images, their technical aspects of the solution to date entry and routes through the spreadsheet menus, types of output available and possible error messages;         Mark (Max 8)       The candidate produces complete, high-quality, stand-alone technical aspects of the solution, the user document		$D_{2}$ Critoria (5 - 6 - 7 marks)	
Image N <ul> <li>the candidate provides evidence that it was used to fully test the functionality and accuracy of the spreadsheet solution and that the solution fully meets the requirements of the design specification.</li> </ul> <ul> <li>Page</li> <li>E.1 Criteria (0 - 1 - 2 - 3 marks)</li> <li>Comment</li> </ul> Page         E.1 Criteria (0 - 1 - 2 - 3 marks)             Comment <ul> <li>The candidate produces clear technical documentation that identifies the numerical processing methods used, and user documentation that includes copies of menus and screens used, instructions on data entry and routes through the spreadsheet menus and the outputs expected;</li> <li>E.2 Criteria (4 - 5 marks)             <ul> <li>The candidate produces technical and user documentation that makes use of graphic images, their technical documentation includes explanations of all technical aspects of the solution, the user documentation includes explanations of all technical aspects of the solution, the user documentation includes and possible error messages;         </li></ul>            Mark (Max 8)          <ul> <li>The candidate produces complete, high-quality, stand-alone technical and user documentation includes copies of menus and state input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages.</li> </ul></li></ul>		D.3 Chiena (3 - 0 - 7 hiarks)	
Page       E.1 Criteria (0 - 1 - 2 - 3 marks)       Comment <ul> <li>The candidate produces clear technical documentation that identifies the numerical processing methods used, and user documentation that includes copies of menus and screens used, instructions on data entry and routes through the spreadsheet menus and the outputs expected;</li> <li>E.2 Criteria (4 - 5 marks)</li> <li>The candidate produces technical and user documentation that makes use of graphic images, their technical documentation includes explanations of all technical aspects of the solution, the user documentation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages;               Mark (Max 8)              Che candidate produces complete, high-quality, stand-alone technical and user documentation includes explanations of all technical documentation includes explanations of all technical documentation includes explanations and data input screens, instructions on data entry and routes through the spreadsheet menus, there explanate and possible error messages;            Mark (Max 8)              Che candidate produces complete, high-quality, stand-alone technical and user documentation includes explanations of all technical aspects of the solution, the user documentation and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages.</li></ul>	Mark	<ul> <li>The candidate produces a detailed test specification which tests all aspects of the solution with a full range of acceptable and unacceptable input, expected output, and any associated error messages;</li> </ul>	
<ul> <li>The candidate produces clear technical documentation that identifies the numerical processing methods used, and user documentation that includes copies of menus and screens used, instructions on data entry and routes through the spreadsheet menus and the outputs expected;</li> <li>E.2 Criteria (4 - 5 marks)         <ul> <li>The candidate produces technical and user documentation that makes use of graphic images, their technical documentation includes explanations of all technical aspects of the solution, the user documentation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages;</li> <li>E.3 Criteria (6 - 7 - 8 marks)                 <ul></ul></li></ul></li></ul>	Mark (Max 7)	<ul> <li>D.3 Chiefla (3-6-7 marks)</li> <li>The candidate produces a detailed test specification which tests all aspects of the solution with a full range of acceptable and unacceptable input, expected output, and any associated error messages;</li> <li>the candidate provides evidence that it was used to fully test the functionality and accuracy of the spreadsheet solution and that the solution fully meets the requirements of the design specification.</li> </ul>	
E.2 Criteria (4 - 5 marks) <ul> <li>The candidate produces technical and user documentation that makes use of graphic images, their technical documentation includes explanations of all technical aspects of the solution, the user documentation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages;         E.3 Criteria (6 - 7 - 8 marks)                <ul> <li>The candidate produces complete, high-quality, stand-alone technical and user documentation includes explanations of all technical aspects of the solution, the user documentation includes explanations of all technical aspects of the solution, the user documentation includes explanations of all technical aspects of the solution, the user documentation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages.</li></ul></li></ul>	Mark (Max 7) Page	<ul> <li>D.3 Criteria (3 - 6 - 7 marks)</li> <li>The candidate produces a detailed test specification which tests all aspects of the solution with a full range of acceptable and unacceptable input, expected output, and any associated error messages;</li> <li>the candidate provides evidence that it was used to fully test the functionality and accuracy of the spreadsheet solution and that the solution fully meets the requirements of the design specification.</li> <li>E.1 Criteria (0 - 1 - 2 - 3 marks)</li> </ul>	Comment
Image: The candidate produces technical and user documentation that makes use of graphic images, their technical documentation includes explanations of all technical aspects of the solution, the user documentation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages;         E.3 Criteria (6 - 7 - 8 marks)         Image: The candidate produces complete, high-quality, stand-alone technical and user documentation includes explanations of all technical appeting of graphic images, their technical documentation includes explanations of all technical aspects of the solution, the user documentation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages.	Mark (Max 7) Page	<ul> <li>D.3 Chiefia (3-3-7 marks)</li> <li>The candidate produces a detailed test specification which tests all aspects of the solution with a full range of acceptable and unacceptable input, expected output, and any associated error messages;</li> <li>the candidate provides evidence that it was used to fully test the functionality and accuracy of the spreadsheet solution and that the solution fully meets the requirements of the design specification.</li> <li>E.1 Criteria (0 - 1 - 2 - 3 marks)</li> <li>The candidate produces clear technical documentation that identifies the numerical processing methods used, and user documentation that includes copies of menus and screens used, instructions on data entry and routes through the spreadsheet menus and the outputs expected;</li> </ul>	Comment
E.3 Criteria (6 - 7 - 8 marks)         □ The candidate produces complete, high-quality, stand-alone technical and user documentation that makes effective use of graphic images, their technical documentation includes explanations of all technical aspects of the solution, the user documentation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages.	Mark (Max 7) Page	<ul> <li>D.3 Criteria (3 - 6 - 7 marks)</li> <li>The candidate produces a detailed test specification which tests all aspects of the solution with a full range of acceptable and unacceptable input, expected output, and any associated error messages;</li> <li>the candidate provides evidence that it was used to fully test the functionality and accuracy of the spreadsheet solution and that the solution fully meets the requirements of the design specification.</li> <li>E.1 Criteria (0 - 1 - 2 - 3 marks)</li> <li>The candidate produces clear technical documentation that identifies the numerical processing methods used, and user documentation that includes copies of menus and screens used, instructions on data entry and routes through the spreadsheet menus and the outputs expected;</li> <li>E.2 Criteria (4 - 5 marks)</li> </ul>	Comment
Mark (Max 8) The candidate produces complete, high-quality, stand-alone technical and user documentation that makes effective use of graphic images, their technical documentation includes explanations of all technical aspects of the solution, the user documentation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages.	Mark (Max 7) Page	<ul> <li>D.3 Criteria (3 - 0 - 7 marks)</li> <li>The candidate produces a detailed test specification which tests all aspects of the solution with a full range of acceptable and unacceptable input, expected output, and any associated error messages;</li> <li>the candidate provides evidence that it was used to fully test the functionality and accuracy of the spreadsheet solution and that the solution fully meets the requirements of the design specification.</li> <li>E.1 Criteria (0 - 1 - 2 - 3 marks)</li> <li>The candidate produces clear technical documentation that identifies the numerical processing methods used, and user documentation that includes copies of menus and screens used, instructions on data entry and routes through the spreadsheet menus and the outputs expected;</li> <li>E.2 Criteria (4 - 5 marks)</li> <li>The candidate produces technical and user documentation that makes use of graphic images, their technical documentation includes explanations of all technical aspects of the solution, the user documentation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages;</li> </ul>	Comment
	Mark (Max 7) Page	<ul> <li>D.5 Chieria (3 - 0 - 7 marks)</li> <li>The candidate produces a detailed test specification which tests all aspects of the solution with a full range of acceptable and unacceptable input, expected output, and any associated error messages;</li> <li>the candidate provides evidence that it was used to fully test the functionality and accuracy of the spreadsheet solution and that the solution fully meets the requirements of the design specification.</li> <li>E.1 Criteria (0 - 1 - 2 - 3 marks)</li> <li>The candidate produces clear technical documentation that identifies the numerical processing methods used, and user documentation that includes copies of menus and screens used, instructions on data entry and routes through the spreadsheet menus and the outputs expected;</li> <li>E.2 Criteria (4 - 5 marks)</li> <li>The candidate produces technical and user documentation that makes use of graphic images, their technical documentation includes explanations of all technical aspects of the solution, the user documentation includes copies of menus and data input screens, instructions on data entry and routes through the spreadsheet menus, types of output available and possible error messages;</li> </ul>	Comment

Page	F.1 Criteria (0 ·	- 1 - 2 marks)			Comment
	<ul> <li>The candidate some overall india</li> <li>the candidate of affected the solut</li> <li>the report may</li> </ul>	comments on cation of how the evaluates aspenion; contain errors	the effectiveness of the final solution, he work may be improved in the future ects of their personal performance that in spelling, punctuation and grammar;	with ;	
	F.2 Criteria (3 -	- 4 - 5 marks)			
	<ul> <li>The candidate strengths and we how the work ma</li> <li>The candidate affected the solut some suggestion</li> </ul>	provides an ar aknesses and y be improved evaluate aspe ion by identifyin s for improvem	ies its entify th		
	The report con	tains few spell	ing, punctuation and grammar errors;		
	F.3 Criteria (6 -	- 7 - 8 marks)			
Mark (Max 8)	The candidate identifying how w analysing user fe in the future;	provides a full ell it meets the edback in orde			
	<ul> <li>the candidate identifying their sit issues to be more</li> <li>the report is common the report is</li></ul>	evaluates aspe trengths and w e effective in th ponsistently well			
	spelling, punctuat	tion and gramn	current version of this form will be available on the		
MARK TOTAL		1 10030 11010.	OCR website ( <u>www.ocr.org.uk</u> ). The completed Centre Authentication form moderator	CCS160	must accompany the MS1 when it is sent to the

## **Guidance on Completion of this Form**

- 1 **One** form should be used for each candidate.
- 2 Please ensure that the appropriate boxes at the top of the form are completed.
- 3 Please enter *specific* page numbers where evidence can be found in the portfolio, and where possible, indicate to which part of the text in the mark band the evidence relates.
- 4 Enter the mark awarded for each strand of the marking criteria in the appropriate box and also enter the final mark in the total column.
- 5 Add the marks for the strands together to give a total out of 50. Enter this total in the relevant box.