

Please read the instructions before completing this form

Examination Session

Year

<b>Unit Code</b>	<b>G044</b>	<b>Unit Title</b>	<b>Problem solving using ICT</b>
<b>Centre Number</b>		<b>Centre Name</b>	
<b>Candidate Number</b>		<b>Candidate Name</b>	

**Evidence:** The candidate identifies and explains the problem to be solved with the benefits of the solution to the organisation; proposes a solution to the problem; describes the information which will be used by the proposed solution; identifies the differing types of software which are used in an organisation and the levels at which they are used; identifies and explains the quality procedures which need to be used in the proposed solution; identifies and explains the system boundaries and environments which will be affected by the proposed solution; evaluates the proposed solution and your performance in solving the problem.

If work is a re-sit, please tick	Session and Year of previous submission	January/June	<b>2</b>	<b>0</b>	Please tick to indicate this work has been standardised internally
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Page	A.1 Criteria (0 - 1 marks)	Comment
	<input type="checkbox"/> The candidate identifies the problem to be solved;	
	<b>A.2 Criteria (2 marks)</b> <input type="checkbox"/> The candidate gives a simple explanation of the problem with some of the benefits to the organisation explained;	
<b>Mark (Max 3)</b>	<b>A.3 Criteria (3 marks)</b> <input type="checkbox"/> The candidate gives a detailed explanation with the benefits of the solution to the organisation fully explained.	
Page	B.1 Criteria (0 - 1 - 2 marks)	Comment
	<input type="checkbox"/> The candidate produces a simple solution which does not fully solve the problem;	
	<b>B.2 Criteria (3 - 4 - 5 marks)</b> <input type="checkbox"/> The candidate produces a solution to the problem covering most of the defined requirements; and which is appropriate to the organisation;	
<b>Mark (Max 8)</b>	<b>B.3 Criteria (6 - 7 - 8marks)</b> <input type="checkbox"/> The candidate produces a detailed solution which fully solves the problem and is appropriate to the organisation.	
Page	C.1 Criteria (0 - 1 - 2 marks)	Comment
	<input type="checkbox"/> The candidate gives an incomplete description of the information which is used by the proposed solution; <input type="checkbox"/> the candidate considers some of the inputs/outputs of the system and identifies the levels, within the organisation, at which the information will be used;	
	<b>C.2 Criteria (3 - 4 marks)</b> <input type="checkbox"/> The candidate gives a description of the information which is used by the proposed solution; <input type="checkbox"/> the candidate considers most of the inputs/outputs of the system; <input type="checkbox"/> the candidate describes the levels, within the organisation, at which the information will be used;	
<b>Mark (Max 7)</b>	<b>C.3 Criteria (5 - 6 - 7marks)</b> <input type="checkbox"/> The candidate gives an explanation of the information which is used by the proposed solution; <input type="checkbox"/> the candidate considers all the inputs/outputs of the system; <input type="checkbox"/> the candidate explains the levels, within the organisation, at which the information will be used and include a detailed explanation of the use of the information at each level.	

<b>Page</b>	<b>D.1 Criteria (0 - 1 - 2 marks)</b>	<b>Comment</b>
	<input type="checkbox"/> The candidate identifies the differing types of software which are used at the different levels within an organisation;	
	<b>D.2 Criteria (3 - 4 marks)</b>	
	<input type="checkbox"/> The candidate identifies and describes, the differing types of software which are used at the different levels within an organisation;	
	<input type="checkbox"/> the candidate describes how the software could be used;	
<b>Mark (Max 6)</b>	<b>D.3 Criteria (5 - 6 marks)</b>	
	<input type="checkbox"/> The candidate identifies and explains the differing types of software which are used at the different levels within an organisation;	
	<input type="checkbox"/> the candidate explains how the software could be used.	
<b>Page</b>	<b>E.1 Criteria (0 - 1 marks)</b>	<b>Comment</b>
	<input type="checkbox"/> The candidate identifies and describes the quality procedures which could be used when developing the proposed solution;	
	<b>E.2 Criteria (2 - 3 marks)</b>	
	<input type="checkbox"/> The candidate identifies and provides an explanation, covering advantages or disadvantages of the quality procedures which could be used when developing the proposed solution;	
<b>Mark (Max 5)</b>	<b>E.3 Criteria (4 - 5 marks)</b>	
	<input type="checkbox"/> The candidate identifies and provides an explanation, covering advantages and disadvantages, of the quality procedures which could be used when developing the proposed solution.	
<b>Page</b>	<b>F(i).1 Criteria (0 - 1 - 2 - 3 marks)</b>	<b>Comment</b>
	<input type="checkbox"/> The candidate produces incomplete system boundary diagrams;	
	<input type="checkbox"/> the candidate's diagrams do not conform to industry standards and conventions;	
	<b>F(i).2 Criteria (4 - 5 - 6 marks)</b>	
	<input type="checkbox"/> The candidate produces complete system diagrams showing either the inputs or outputs of the system;	
	<input type="checkbox"/> the candidate's diagrams follow industry standards and conventions;	
<b>Mark (Max 9)</b>	<b>F(i).3 Criteria (7 - 8 - 9 marks)</b>	
	<input type="checkbox"/> The candidate produces detailed system diagrams showing the inputs and outputs of the system;	
	<input type="checkbox"/> the candidate's diagrams follow industry standards and conventions.	
<b>Page</b>	<b>F(ii).1 Criteria (0 - 1 marks)</b>	<b>Comment</b>
	<input type="checkbox"/> The candidate identifies the system boundaries and environment which are affected by the proposed solution;	
	<input type="checkbox"/> the candidate does not consider how the proposed solution will affect other systems within the organisation;	
	<b>F(ii).2 Criteria (2 - 3 marks)</b>	
	<input type="checkbox"/> The candidate identifies and describes the system boundaries and environment which are affected by the proposed solution;	
	<input type="checkbox"/> the candidate describes how the proposed solution will affect the other systems within the organisation;	
	<b>F(ii).3 Criteria (4 - 5 marks)</b>	
<b>Mark (Max 5)</b>	<input type="checkbox"/> The candidate identifies and explains the system boundaries and environment which are affected by the proposed solution;	
	<input type="checkbox"/> the candidate explains how the proposed solution will affect the other systems within the organisation.	
<b>Page</b>	<b>G.1 Criteria (0 - 1 - 2 marks)</b>	<b>Comment</b>
	<input type="checkbox"/> The candidate produces a simple evaluation of the proposed solution, including a comment on their actions and role in proposing a solution;	
	<b>G.2 Criteria (3 - 4 - 5 marks)</b>	
	<input type="checkbox"/> The candidate produces an evaluation of the proposed solution discussing the aims, objectives or goals, including comments on their own actions and roles in proposing a solution;	
<b>Mark (Max 7)</b>	<b>G.3 Criteria (6 - 7 marks)</b>	
	<input type="checkbox"/> The candidate produces a detailed evaluation of the proposed solution discussing the aims, objectives and goals, including reflection of their experiences to improve their own performance, suggesting how they might approach a similar task in the future	
<b>MARK TOTAL</b>		Please note: This form may be updated on an annual basis. The current version of this form will be available on the OCR website ( <a href="http://www.ocr.org.uk">www.ocr.org.uk</a> ). The completed Centre Authentication form CCS160 <b>must</b> accompany the MS1 when it is sent to the moderator

### 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.