Applied ICT

OCR GCE H115/H315/H515/H715 Unit G044

Unit Recording Sheet

Please read the instructions before completing this form

Examination Session		Year	

Unit Code	G044	Unit Title	Problem solving using ICT

Centre Number		Centre Name	

Candidate Number		Candidate Name	

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	**2**	**0**		Please tick to indicate this work has been standardised internally	

A.1 Criteria (0 - 1 marks)	**Comment**	**Page**
• The candidate identifies the problem to be solved;		
A.2 Criteria (2 marks)		
• The candidate gives a simple explanation of the problem with some of the benefits to the organisation explained;		
A.3 Criteria (3 marks)		**Mark** (Max 3)
• The candidate gives a detailed explanation with the benefits of the solution to the organisation fully explained.		

B.1 Criteria (0 - 1 - 2 marks)	**Comment**	**Page**
• The candidate produces a simple solution which does not fully solve the problem;		
B.2 Criteria (3 - 4 - 5 marks)		
• The candidate produces a solution to the problem covering most of the defined requirements; and which is appropriate to the organisation;		
B.3 Criteria (6 - 7 - 8 marks)		**Mark** (Max 8)
• The candidate produces a detailed solution which fully solves the problem and is appropriate to the organisation.		

C.1 Criteria (0 - 1 - 2 marks)	**Comment**	**Page**
• The candidate gives an incomplete description of the information which is used by the proposed solution; • 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;		
C.2 Criteria (3 - 4 marks)		
• The candidate gives a description of the information which is used by the proposed solution; • the candidate considers most of the inputs/outputs of the system; • the candidate describes the levels, within the organisation, at which the information will be used;		
C.3 Criteria (5 - 6 - 7 marks)		**Mark** (Max 7)
• The candidate gives an explanation of the information which is used by the proposed solution; • the candidate considers all the inputs/outputs of the system; • 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.		

D.1 Criteria (0 - 1 - 2 marks)	Comment	Page
• The candidate identifies the differing types of software which are used at the different levels within an organisation;		
D.2 Criteria (3 - 4 marks)		
• The candidate identifies and describes, the differing types of software which are used at the different levels within an organisation; • the candidate describes how the software could be used;		
D.3 Criteria (5 - 6 marks)		**Mark** **(Max 6)**
• The candidate identifies and explains the differing types of software which are used at the different levels within an organisation; • the candidate explains how the software could be used.		
E.1 Criteria (0 - 1 marks)	**Comment**	**Page**
• The candidate identifies and describes the quality procedures which could be used when developing the proposed solution;		
E.2 Criteria (2 - 3 marks)		
• The candidate identifies and provides an explanation, covering advantages or disadvantages of the quality procedures which could be used when developing the proposed solution;		
E.3 Criteria (4 - 5 marks)		**Mark** **(Max 5)**
• The candidate identifies and provides an explanation, covering advantages and disadvantages, of the quality procedures which could be used when developing the proposed solution.		
F(i).1 Criteria (0 - 1 - 2 - 3 marks)	**Comment**	**Page**
• The candidate produces incomplete system boundary diagrams; • the candidate's diagrams do not conform to industry standards and conventions;		
F(i).2 Criteria (4 - 5 - 6 marks)		
• The candidate produces complete system diagrams showing either the inputs or outputs of the system; • the candidate's diagrams follow industry standards and conventions;		
F(i).3 Criteria (7 - 8 - 9 marks)		**Mark** **(Max 9)**
• The candidate produces detailed system diagrams showing the inputs and outputs of the system; • the candidate's diagrams follow industry standards and conventions.		
F(ii).1 Criteria (0 - 1 marks)	**Comment**	**Page**
• The candidate identifies the system boundaries and environment which are affected by the proposed solution; • the candidate does not consider how the proposed solution will affect other systems within the organisation;		
F(ii).2 Criteria (2 - 3 marks)		
• The candidate identifies and describes the system boundaries and environment which are affected by the proposed solution; • the candidate describes how the proposed solution will affect the other systems within the organisation;		
F(ii).3 Criteria (4 - 5 marks)		**Mark** **(Max 5)**
• The candidate identifies and explains the system boundaries and environment which are affected by the proposed solution; • the candidate explains how the proposed solution will affect the other systems within the organisation.		
G.1 Criteria (0 - 1 - 2 marks)	**Comment**	**Page**
• The candidate produces a simple evaluation of the proposed solution, including a comment on their actions and role in proposing a solution;		
G.2 Criteria (3 - 4 - 5 marks)		
• 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;		
G.3 Criteria (6 - 7 marks)		**Mark** **(Max 7)**
• 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		

Please note: This form may be updated on an annual basis. The current version of this form will be available on the OCR website (www.ocr.org.uk).

MARK TOTAL

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.

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Extra Comment (please indicate to which Criteria comments refer)

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