

Please read the instructions before completing this form

Examination Session		Year	
---------------------	--	------	--

Unit Code	G045	Unit Title	Software development – design
-----------	------	------------	-------------------------------

Centre Number		Centre Name	
---------------	--	-------------	--

Candidate Number		Candidate Name	
------------------	--	----------------	--

Evidence: The candidate needs to produce a design for a solution to a given problem, in a familiar context.

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 - 2 marks)	Comment	Page
<ul style="list-style-type: none"> The candidate identifies the tools and techniques which are used during the analysis stage; 		
A.2 Criteria (3 marks) <ul style="list-style-type: none"> The candidate gives a simple explanation, including advantages or limitations of the tools and techniques which are used during the analysis stage; 		
A.3 Criteria (4 marks) <ul style="list-style-type: none"> The candidate gives a detailed explanation, including advantages and limitations of the tools and techniques which are used during the analysis stage providing examples of when each could be used. 		
B.1 Criteria (0 - 1 - 2 marks) <ul style="list-style-type: none"> The candidate identifies the tools and techniques which are used during the design stage; 		
B.2 Criteria (3 marks) <ul style="list-style-type: none"> The candidate gives a simple explanation, including advantages or limitations of the tools and techniques which are used during the design stage; 		
B.3 Criteria (4 marks) <ul style="list-style-type: none"> The candidate gives a detailed explanation, including advantages and limitations of the tools and techniques which are used during the design stage providing examples of when each could be used. 		
C.1 Criteria (0 - 1 - 2 marks) <ul style="list-style-type: none"> The candidate identifies investigation methods; 		
C.2 Criteria (3 marks) <ul style="list-style-type: none"> The candidate gives a simple explanation, including advantages or limitations of investigation methods; 		
C.3 Criteria (4 marks) <ul style="list-style-type: none"> The candidate gives a detailed explanation, including advantages and limitations of investigation methods providing examples of when each could be used. 		
D(i).1 Criteria (0 - 1 - 2 - 3 marks) <ul style="list-style-type: none"> The candidate produces a simple report considering some aspects of feasibility and showing a single solution to the given problem; the candidate's report may contain errors in spelling, punctuation and grammar; 		
D(i).2 Criteria (4 - 5 - 6 marks) <ul style="list-style-type: none"> The candidate produces a detailed report considering all aspects of feasibility and showing alternate solutions to the given problem; the candidate's report contains few spelling, punctuation and grammar errors; 		
D.3 Criteria (7 - 8 - 9 marks) <ul style="list-style-type: none"> The candidate produces a detailed report considering all aspects of feasibility in detail and showing alternate solutions to the given problem, justifying the chosen solution; the candidate's report is consistently well-structured and there are few, if any, spelling, punctuation and grammar errors. 		

D(ii).1 Criteria (0 - 1 - 2 marks)	Comment	Page
<ul style="list-style-type: none"> The candidate produces simple or incomplete designs for input/output requirements that do not fully meet the defined requirements of the end-user; the candidate does not consider standard design concepts; 		
D(ii).2 Criteria (3 - 4 marks)		
<ul style="list-style-type: none"> The candidate produces designs for input/output requirements that meet the defined requirements of the end-user; standard design concepts are taken into account but some areas may not be fully considered 	Mark (Max 6)	
D(ii).3 Criteria (5 - 6 marks)		
<ul style="list-style-type: none"> The candidate produces designs for input/output requirements, including calculations that are needed, that fully meet the defined requirements of the end-user; all standard design concepts are taken into account. 		
E.1 Criteria (0 - 1 - 2 marks)	Comment	Page
<ul style="list-style-type: none"> The candidate produces an incomplete data-flow model for the current solution with incomplete documentation; 		
E.2 Criteria (3 - 4 - 5 marks)		
<ul style="list-style-type: none"> The candidate produces a data-flow model of the current solution using simple graphical representation with complete documentation; 	Mark (Max 8)	
E.3 Criteria (6 - 7 - 8 marks)		
<ul style="list-style-type: none"> The candidate produces a complete data-flow model of the current solution, making effective use of formal graphical representation with complete and detailed documentation. 		
F.1 Criteria (0 - 1 - 2 marks)	Comment	Page
<ul style="list-style-type: none"> The candidate produces an incomplete ERD for the proposed solution with incomplete documentation; 		
F.2 Criteria (3 - 4 - 5 marks)		
<ul style="list-style-type: none"> The candidate produces a simple ERD of the solution, with complete documentation; 	Mark (Max 8)	
F.3 Criteria (6 - 7 - 8 marks)		
<ul style="list-style-type: none"> The candidate produces a complete ERD of the solution, with complete and detailed documentation. 		
G.1 Criteria (0 - 1 - 2 marks)	Comment	Page
<ul style="list-style-type: none"> The candidate produces a simple evaluation of the system; the candidate comments on their actions and role in solving the problem; 		
G.2 Criteria (3 - 4 marks)		
<ul style="list-style-type: none"> The candidate evaluates the solution discussing either benefits or disadvantages of the solution; the candidate includes an analysis on their experiences in order to improve their own performance; 	Mark (Max 7)	
G.3 Criteria (5 - 6 - 7 marks)		
<ul style="list-style-type: none"> The candidate evaluates the solution discussing both benefits and disadvantages of the solution; the candidate includes an analysis on their experiences, 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

- One form should be used for each candidate.
- Please ensure that the appropriate boxes at the top of the form are completed.
- 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.
- 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.
- Add the marks for the strands together to give a total out of 50. Enter this total in the relevant box.

Extra Comment (please indicate to which Criteria comments refer)