



# Centre-assessed work Marking Grid 2013

GCE Applied ICT (8751/3/9)

*Unit 4: ICT Solutions (IT04)*

Centre name: .....

Centre no:

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Candidate name: .....

Candidate no:

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*This form should be completed and attached to the candidate's work and retained at the Centre or sent to the moderator as required.*

### Assessment Objective 1 (A01): Practical capability in applying ICT (up to 21 marks)

Row	1 mark	2 marks	3 marks	4 marks	5 marks	6 marks	Marks
1	Candidate has investigated the availability of a <b>range</b> of hardware options.	Candidate has selected hardware for a stand-alone ICT system for a clearly identified user.	Candidate has also related the selected hardware to the user requirements.	Candidate has clearly justified the selected hardware in relation to the user requirements.			
2	Candidate has investigated the availability of a <b>range</b> of software options.	Candidate has selected software for a stand-alone ICT system for a clearly identified user.	Candidate has also related the selected software to the user requirements.	Candidate has clearly justified the selection in relation to the user requirements.			
3	Candidate has provided evidence of having installed one item of hardware.	Candidate has provided evidence of having installed one item of hardware together with the appropriate software driver.	Candidate has also provided evidence of testing that the item of installed hardware is fully working.				

Row	1 mark	2 marks	3 marks	4 marks	5 marks	6 marks	Marks
4	Candidate has provided evidence of setting some file permissions or user rights.	Candidate has set file permissions or user rights and explained why.	<b>In addition</b> the candidate has also devised a backup strategy within the context of the scenario.	<b>In addition</b> the backup strategy devised by the candidate meets client needs.	<b>In addition</b> the candidate has also provided evidence of the security measures taken.	Candidate has set file permissions <b>and</b> user rights, explained why, and devised a backup strategy that meets the client needs. Candidate has also provided evidence of security measures taken and addressed management issues.	
5	Candidate has shown some awareness of safety issues.	Candidate has made some attempt to work safely.	Candidate has demonstrated that they have followed safety procedures.	Candidate has shown close adherence to safety procedures and explained how they have done this.			

**Assessment Objective 2 (A02): Knowledge and understanding of ICT systems and their roles in organisations and society (up to 14 marks)**

Row	1 mark	2 marks	3 marks	Marks
1	Candidate has attempted to describe the organisation / background and provided a simple description of the tasks for which the client will use the stand-alone ICT system.	Candidate has described the organisation / background and provided a description of the tasks for which the client will use the stand-alone ICT system.	Candidate has fully described the organisation / background and provided a detailed description of the tasks for which the client will use the stand-alone ICT system.	
2	Candidate has attempted to relate the ergonomics of hardware to the client's needs.	Candidate has related the ergonomics of hardware to the client's needs and obtained information regarding possible hardware by using the Internet.	Candidate has related and justified the ergonomics of hardware to the client's needs and used the Internet effectively to research and identify suitable hardware options.	
3	Candidate has attempted to relate the ergonomics of software to the client's needs.	Candidate has related the ergonomics of software to the client's needs and obtained information regarding possible software by using the Internet.	Candidate has related and justified the ergonomics of software to the client's needs, and used the Internet effectively to research and identify suitable software options.	

Row	1 mark	2 marks	3 marks	Marks
4	Candidate has attempted to relate the ergonomics of workstation layout and furniture to the client's needs.	Candidate has related the ergonomics of workstation layout and furniture to the client's needs, and obtained information regarding suitable workstation furniture options by using the Internet.		
5	Candidate has shown an awareness of the basic principles of software development (system life cycle OR implementation methods).	Candidate has demonstrated and explained the ways in which the principles of software development (system life cycle OR implementation methods), can be related to the context of this assignment.	Candidate has demonstrated, explained and justified the ways in which the principles of software development (system life cycle AND implementation methods), can be related to the context of this assignment.	

**Assessment Objective 3 (A03): Apply knowledge, skills and understanding to produce solutions to ICT problems (up to 21 marks)**

Row	1 mark	2 marks	3 marks	4 marks	5 marks	Marks
1	Candidate has attempted to write a <b>clear</b> specification for at least one item of hardware within the base unit.	Candidate has attempted to write a <b>clear</b> specification for most hardware within the base unit.	Candidate has written a <b>clear specification</b> for all hardware within the base unit.	Candidate has written a <b>clear detailed</b> specification for all hardware (within the base unit), required to meet the client's needs.	Candidate has written and justified a <b>clear detailed</b> specification for hardware (within the base unit), to meet the client's needs.	
2	Candidate has attempted to write a <b>clear specification</b> for at least one item of hardware peripheral to the base unit.	Candidate has attempted to write a <b>clear</b> specification for most hardware peripheral to the base unit.	Candidate has written a <b>clear specification</b> for all hardware peripheral to the base unit.	Candidate has written a <b>clear detailed</b> specification for hardware (peripheral to the base unit), required to meet the client's needs.	Candidate has written and justified a <b>clear detailed</b> specification for hardware (peripheral to the base unit), to meet the client's needs.	
3	Candidate has attempted to write a <b>clear</b> specification for operating system software.	Candidate has written a <b>clear specification</b> for operating system software required to meet the client's needs.	Candidate has written a <b>clear detailed</b> specification for operating system software required to meet the client's needs.	Candidate has written and justified a <b>clear detailed</b> specification for operating system software to meet the client's needs.		
4	Candidate has attempted to write a <b>clear specification</b> for non-operating system software.	Candidate has written a <b>clear specification</b> for non-operating system software required to meet the client's needs.	Candidate has written a <b>clear detailed</b> specification for non-operating system software required to meet the client's needs.	Candidate has written and justified a <b>clear detailed</b> specification for non-operating system software to meet the client's needs.		

Row	1 mark	2 marks	3 marks	4 marks	5 marks	Marks
5	Candidate has identified some common cables and connectors.	Candidate has identified cables and connectors and related them to the specified computer system.	Candidate has identified, and fully explained the use of, cables and connectors required for the specified computer system.			

**Assessment Objective 4 (A04): Evaluate ICT solutions and own performance (up to 14 marks)**

Row	1 mark	2 marks	3 marks	Marks
1	Candidate has provided a brief description of actions taken to solve the problem.	Candidate has described actions taken to solve the problem.	Candidate has clearly described actions taken to solve the problem and has shown a clear understanding of what they have done and why.	
2	Candidate has provided limited evidence of time management or planning.	Candidate has provided some evidence of time management and planning. They have met some deadlines and have shown that they understand the need to monitor their progress.	Candidate has provided strong evidence of time management and planning, fully monitored their progress and met deadlines. Reasons for any missed deadlines have been explained.	
3	Candidate has provided some evaluation criteria for the solution and has carried out some testing.	Candidate has provided both qualitative and quantitative evaluation criteria, some of which are appropriate to assess if the client needs have been met. They have tested the solution against the criteria.	Candidate has identified qualitative and quantitative evaluation criteria that are appropriate for assessing whether client needs have been met and testing takes full account of the evaluation criteria.	
4	Candidate has attempted to evaluate their solution.	Candidate has evaluated their solution and identified some strengths, weaknesses and areas for improvement.	Candidate has evaluated their solution and successfully identified strengths, weaknesses and areas for improvement. Candidate has drawn meaningful conclusions and made appropriate changes to the solution as a result.	
5	Candidate has used written expression that is adequate to convey intended meaning.	Candidate has used written expression that is suitable in form and style of writing to convey intended meaning within complex subject matter.		

<b>Assessment objective</b>	<b>Maximum mark</b>	<b>Mark awarded</b>
AO1	21	
AO2	14	
AO3	21	
AO4	14	
<b>Total</b>	<b>70</b>	