



# Centre-assessed work Marking Grid 2012

## GCE Applied ICT (8751/3/6/9)

### Unit 11: Communications and Networks (IT11)

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 (AO1): Practical capability in applying ICT (up to 17 marks)

Row	1 mark	2 marks	3 marks	4 marks	Mark
1	Candidate has created a simple peer-to-peer network system with at least one peripheral device.	Candidate has created a simple peer-to-peer network system with more than one peripheral device.	Candidate has created a client/server network system with at least one peripheral device.	Candidate has created and justified a client/server network system with more than one peripheral device.	
2	Candidate has created user accounts with different levels of permissions.	Candidate has created user accounts with different levels of permissions that meet most client needs.	Candidate has created different types of groups of user accounts with different levels of access to network resources that meet most client needs.	Candidate has created, explained and justified different types of groups of user accounts with different levels of access to network resources that meet all client needs.	
3	Candidate has produced some documentation to show the implementation of their network.	Candidate has produced documentation to show all aspects of the implementation of their network (including necessary configuration).	Candidate has produced well organised documentation to show all aspects of the implementation of their network, including annotated screen shots.	In addition, the documentation clearly shows understanding of the practical issues involved in the creation of a network.	

Row	1 mark	2 marks	3 marks	4 marks	Mark
4	Candidate has provided evidence that they have partially followed their network implementation schedule.	Candidate has provided evidence that shows that they have closely followed their network implementation schedule.			
5	Candidate has shown some awareness of standard ways of working (including some aspects of security of the network, backup and safety).	Candidate has attempted to adopt standard ways of working (including some aspects of security of the network, backup and safety).	Candidate has demonstrated the ability to follow standard ways of working (including all aspects of security of the network, backup and safety).		

**Assessment Objective 2 (A02): Knowledge and understanding of ICT systems and their roles in organisations and society (up to 7 marks)**

Row	1 mark	2 marks	3 marks	Mark
1	Candidate has attempted to describe the organisation /background for the proposed solution.	Candidate has fully described the organisation /background for the proposed solution.		
2	Candidate has provided a simple description of the network system to be developed.	Candidate has provided a detailed description of the network system to be developed.	Candidate has provided a detailed description of and a justification for the network system to be developed.	
3	Candidate has demonstrated only partial understanding of the client needs.	Candidate has demonstrated a full understanding of the client needs.		

**Assessment Objective 3 (A03): Apply knowledge, skills and understanding to produce solutions to ICT problems (up to 18 marks)**

Row	1 mark	2 marks	3 marks	Mark
1	Candidate has produced a basic plan of the physical network system layout, based on client needs.	Candidate has produced a detailed plan of the physical network system layout, clearly based on client needs.	Candidate has produced and justified a detailed plan of the physical network system layout clearly based on client needs.	
2	Candidate has identified computer hardware required for the network system.	Candidate has identified and described computer hardware required for the network system.	Candidate has identified, described and justified computer hardware required for the network system.	

Row	1 mark	2 marks	3 marks	Mark
3	Candidate has identified systems software requirements for the network system.	Candidate has identified systems software requirements for the network system and related these to client needs.		
4	Candidate has identified application software requirements for the network system.	Candidate has identified application software requirements for the network system and related them to client needs.		
5	Candidate has identified systems software OR application software configuration needed to meet requirements of the network system.	Candidate has identified systems software AND application software configuration needed to meet requirements of the network system.		
6	Candidate has shown evidence of using the Internet OR other sources to locate solutions to some network design problems.	Candidate has shown evidence of using the Internet AND other sources to locate solutions to some network design problems.	Candidate has shown evidence of using the Internet AND other sources to locate solutions to some network design problems and relates this to their created solution.	
7	Candidate has produced a basic network implementation schedule.	Candidate has produced a detailed network implementation schedule that includes most tasks.	Candidate has produced a detailed network implementation schedule that includes all necessary tasks.	

#### Assessment Objective 4 (AO4): Evaluate ICT solutions and own performance (up to 28 marks)

Row	1 mark	2 marks	3 marks	4 marks	Mark
1	Candidate has provided a brief description of actions taken to solve the problem.	Candidate has described actions taken to solve the problem and has identified some strengths, weaknesses and areas for improvement in their actions.	Candidate has described and reviewed actions taken to solve the problem and successfully identified strengths, weaknesses and areas for improvement, and has made appropriate changes as a result.	Candidate has described and critically reviewed actions taken to solve the problem in detail and successfully identified strengths, weaknesses and areas for improvement. Candidate has made appropriate changes as a result of this evaluation and provided an explanation.	
2	Candidate has provided some evidence of time management or planning.	Candidate has provided a list of tasks as evidence of time management or planning, with an estimate of times required.	Candidate has provided a detailed list of tasks as evidence of time management or planning, with an estimate of times required.	Candidate has also fully monitored their progress, in carrying out the tasks, against the estimated times.	

Row	1 mark	2 marks	3 marks	4 marks	Mark
3	Candidate has met some of the deadlines set for the project.	Candidate has monitored their progress and met most of the deadlines set for the project.	Candidate has met most deadlines set for the project and made comments that show their understanding of the need to monitor their progress throughout the life of the project.	Candidate fully monitored their progress in meeting deadlines throughout the life of the project. If any deadlines have been missed, reasons have been documented and explained.	
4	Candidate has provided evidence of carrying out simple testing.	Candidate has provided evidence of carrying out simple testing appropriate to some client needs.	Candidate has provided evidence of carrying out detailed testing appropriate to client needs.	Candidate has provided evidence of carrying out detailed testing appropriate to client needs and detailed any steps taken to rectify failed tests.	
5	Candidate has provided some evaluation criteria for the solution.	Candidate has provided both qualitative and quantitative evaluation criteria, some of which are appropriate to assess if the client needs have been met.	Candidate has identified qualitative and quantitative evaluation criteria that are appropriate for assessing whether client needs have been met and has designed a detailed test plan to take full account of the evaluation criteria.	Candidate has identified qualitative and quantitative evaluation criteria appropriate to client needs and designed a comprehensive, fully documented, testing plan to take full account of the evaluation criteria.	
6	Candidate has attempted to evaluate the solution.	Candidate has evaluated their solution and identified some strengths, weaknesses and areas for improvement.	Candidate has critically evaluated their solution and successfully identified strengths, weaknesses and areas for improvement.	Candidate has critically evaluated their solution and successfully identified strengths, weaknesses and areas for improvement, relating them to the client needs.	
7	Candidate has used written expression in a non-specialist way.	Candidate has used written expression with some specialist vocabulary to organise information.	Candidate has used written expression with suitable specialist vocabulary to organise and interpret information.	Candidate has used written expression with appropriate specialist vocabulary to organise and interpret information within complex subject matter.	

Assessment objective	Maximum mark	Mark awarded
A01	17	
A02	7	
A03	18	
A04	28	
<b>Total</b>	<b>70</b>	