AQA

Centre-assessed work Marking Grid 2012

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

Unit 3: Data Handling (IT03)

Centre name: ....

Centre no:

Candidate name: ....

Candidate no:

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 18 marks)

Row	1 mark	2 marks	3 marks	Marks
1	Simple data types have been used.	A range of data types has been used with appropriate formats.	A range of data types has been used with appropriate formats and the candidate has explained why they are appropriate for this solution.	
2	Processing of data takes place to produce outputs.	Processing of data takes place to produce appropriate outputs.	Candidate has explained how the processing of data takes place and how this meets the client needs.	
3	Simple queries, for example select queries based on one field, have been produced.	A range of appropriate queries based on multiple fields/tables, or allowing users to select criteria, has been produced.	Candidate has explained how the queries produced meet the client needs.	
4	Simple reports, for example by using wizards, have been produced.	Customised reports have been produced.	The candidate has explained how the reports produced meet the client needs.	
5	Candidate has superficially considered the security aspects of the data handling solution.	Candidate has provided evidence of adopting appropriate security measures, such as backing up or using passwords to protect data files.	Candidate has explained the security measures that they have taken and why they are needed.	

Row	1 mark	2 marks	3 marks	Marks
6	The work shows only basic evidence of being managed.	The work has been managed effectively.	Candidate has provided clear evidence of understanding the need to manage their work and has done so effectively.	

Assessment Objective 2 (A02): Knowledge and understanding of ICT systems and their roles in organisations and society (up to 10 marks)

Row	1 mark	2 marks	3 marks	4 marks	Marks
1	Candidate has partially described the organisation/background but important details are missing. The candidate does not show any real appreciation of who the client is.	Candidate has described the organisation/background sufficiently to show some understanding of the client.	Candidate has fully described the organisation/background and shows full understanding of the client.		
2	Candidate has provided a list of the tasks for which the solution is to be developed.	Candidate has provided a simple description of the tasks for which the solution is to be developed, showing some understanding of what the solution is to produce.	Candidate has provided a detailed description of the tasks for which the solution is to be developed. It is clear that the candidate fully understands what the solution is required to produce.	From the detailed description provided it is clear that the candidate understands not only what the solution is required to produce but how the solution will produce what is required.	
3	Candidate has named the software they will use to produce the solution.	Candidate has attempted to justify the software they will use in relation to the client needs.	Candidate has fully justified the software they will use in relation to the client needs.		

Assessment Objective 3 (A03): Apply knowledge, skills and understanding to produce solutions to ICT problems (up to 28 marks)

Row	1 mark	2 marks	3 marks	4 marks	Marks
1	Candidate has provided some evidence of considering the inputs needed.	Candidate has considered most inputs needed.	Candidate fully understands the input needs of the solution.	Candidate fully understands the input needs of the solution, including where the inputs are to come from.	
2	Candidate has shown they have considered the importance of the validity **or** correctness of data inputs.	Candidate has shown they have considered the importance of the validity **and** correctness of data inputs.	Candidate has shown they understand the importance of ensuring correct and valid data is used and has explained how they have ensured the validity **or** correctness of data inputs.	Candidate has shown they understand the importance of ensuring correct and valid data is used and has explained how they have ensured the validity **and** correctness of data inputs.	
3	'Standard' system error messages can be seen.	Error messages have been customised.	Candidate has used error messages that are suitable for the users of the solution.	Candidate has explained how the error messages used are suitable for the users of the solution.	
4	There is some evidence that the solution processes data.	There is evidence that the processing of data takes place.	Candidate has **specified** processing in their solution that meets the needs of the user.	Candidate has clearly explained how the processing **specified** in their solution meets the needs of the user.	
5	There is evidence of at least one output from a query or report.	There is evidence of several outputs, but these have not been tailored to meet the needs of the user.	There is evidence of outputs in the solution that have been tailored to meet the needs of the user.	Candidate has clearly explained how the outputs included in their solution meet the needs of the user.	
6	There is some evidence of the data structures used.	The data structures used have been specified but are not suitable for the solution.	The data structures used have been specified and are suitable for the solution.	Candidate has explained how the data structures used are suitable for the solution.	
7	There is some evidence of the data types **or** the data formats used.	Ranges of data types and data formats have been used but they are not all suitable for the solution.	The data types and data formats used have been specified and are suitable for the solution.	Candidate has explained how the data types and data formats used are suitable for the solution.	

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.	In addition, the candidate has drawn meaningful conclusions from their evaluation and has made appropriate changes to the solution as a result.	
5	Candidate has used written expression which is adequate to convey intended meaning.	Candidate has used written expression which is suitable in form and style of writing to convey intended meaning within complex subject matter.		

Assessment objective	Maximum mark	Mark awarded
AO1	18	
AO2	10	
AO3	28	
AO4	14	
Total	70	