

GCSE

**Applied Information and
Communication Technology**

**Double Award
Summer 2010**

Mark Scheme

Issued: October 2010

**NORTHERN IRELAND GENERAL CERTIFICATE OF SECONDARY EDUCATION (GCSE)
AND NORTHERN IRELAND GENERAL CERTIFICATE OF EDUCATION (GCE)**

MARK SCHEMES (2010)

Foreword

Introduction

Mark Schemes are published to assist teachers and students in their preparation for examinations. Through the mark schemes teachers and students will be able to see what examiners are looking for in response to questions and exactly where the marks have been awarded. The publishing of the mark schemes may help to show that examiners are not concerned about finding out what a student does not know but rather with rewarding students for what they do know.

The Purpose of Mark Schemes

Examination papers are set and revised by teams of examiners and revisers appointed by the Council. The teams of examiners and revisers include experienced teachers who are familiar with the level and standards expected of 16- and 18-year-old students in schools and colleges. The job of the examiners is to set the questions and the mark schemes; and the job of the revisers is to review the questions and mark schemes commenting on a large range of issues about which they must be satisfied before the question papers and mark schemes are finalised.

The questions and the mark schemes are developed in association with each other so that the issues of differentiation and positive achievement can be addressed right from the start. Mark schemes therefore are regarded as a part of an integral process which begins with the setting of questions and ends with the marking of the examination.

The main purpose of the mark scheme is to provide a uniform basis for the marking process so that all the markers are following exactly the same instructions and making the same judgements in so far as this is possible. Before marking begins a standardising meeting is held where all the markers are briefed using the mark scheme and samples of the students' work in the form of scripts. Consideration is also given at this stage to any comments on the operational papers received from teachers and their organisations. During this meeting, and up to and including the end of the marking, there is provision for amendments to be made to the mark scheme. What is published represents this final form of the mark scheme.

It is important to recognise that in some cases there may well be other correct responses which are equally acceptable to those published: the mark scheme can only cover those responses which emerged in the examination. There may also be instances where certain judgements may have to be left to the experience of the examiner, for example, where there is no absolute correct response – all teachers will be familiar with making such judgements.

The Council hopes that the mark schemes will be viewed and used in a constructive way as a further support to the teaching and learning processes.

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Rewarding Learning

**General Certificate of Secondary Education
2010**

**Applied Information and
Communication Technology**

Double Award

Unit 1: ICT Tools and Applications

[GDJ11]

MONDAY 10 – FRIDAY 14 MAY

**MARK
SCHEME**

APPLIED INFORMATION AND COMMUNICATION TECHNOLOGY**Double Award****Unit 1****Mark Scheme****Word Processing****Activity P1 FLYER**

Details added	[1]
Accurately	[1]
Logo added	[1]
Suitable graphics from M10graphics.doc	[1]
Professional appearance	[1]
A5 in size	[1]

Total marks for activity P1 [6]

Activity P2 DELIVERY

Logo added to top right	[1]
Date added	[1]
Date in correct place	[1]
7 changed to 14	[1]
Correct information right aligned	[1]
Address made bigger	[1]
Text added	[1]
New text left aligned	[1]

Total marks for activity P2 [8]

Activity P3 DELIVERY145

Field names added	[1]
In correct place	[1]
Showing merged fields	[1]
On one A4 page with all visible	[1]

Total marks for activity P3 [4]

Activity P4 NEWDELIVERY1 / NEWDELIVERY2

Correct first document	[1]
Correct last document	[1]

Total marks for activity P4 [2]

		AVAILABLE MARKS
Databases		
Activity D1 ULTRA		
Form created	[1]	
Data added	[1]	
Accurately	[1]	
One A4 page	[1]	
Total marks for activity D1		[4]
 Activity D2 TITLE		
Validation rule added	[1]	
Correct field	[1]	
Correct rule	[1]	
Total marks for activity D2		[3]
 Activity D3 TITLEERROR		
Error message	[1]	
Correct error message	[1]	
Total marks for activity D3		[2]
 Activity D4 SYSTEM		
Query created	[1]	
Correct fields from customer table	[1]	
Correct fields from software table	[1]	
Correct title	[1]	
Only Raven	[1]	
Ascending order of 'first name'	[1]	
In design view	[1]	
All data and field names visible on one A4 page	[1]	
Total marks for activity D4		[8]
 Activity D5 SYSTEMRUN		
Correct results	[1]	
All data visible on one A4 page	[1]	
Total marks for activity D5		[2]

Activity D6 SOFTWARE

A report created	[1]
Correct fields	[1]
Grouped by package	[1]
Ascending order of surname	[1]
Correct title	[1]
All visible on one A4 page	[1]

Total marks for activity D6**[6]**

Spreadsheets**Activity S1 INVOICE544**

Correct text in F2	[1]
Correct text in A7	[1]
Correct text in B9	[1]
Correct text in B10	[1]
Correct value in C3	[1]

Total marks for activity S1 [5]

Activity S2 FORMULA

Formula in C7	[1]
Correct formula	[1]
Correct formula in C8	[1]
Correct formula in C9	[1]
Correct formula in C10	[1]
In formula view with all relevant data visible	[1]
Gridlines and cell references	[1]

Total marks for activity S2 [7]

Activity S3 VALUES

Correct text in E5	[1]
Correct value in E6	[1]
Correct text in D1	[1]
Correct value in D2 to D6	[1]
Correct value in D7	[1]
Correct text in B11	[1]
Correct value in C11	[1]
Format currency (only money values formatted as currency)	[1]
On one A4 page with all data visible	[1]
Gridlines and cell references	[1]

Total marks for activity S3 [10]

Activity S4 SURCHARGE

Chart type (pie-chart)	[1]
Correct cells used from D2 to D6	[1]
Percentage labels	[1]
Correct title	[1]
Pie-chart and spreadsheet data together (award only one mark if on separate pages)	[2]

Total marks for activity S4**[6]**

Multimedia**Activity MM1 SLIDE1**

Graphic added	[1]
Text added	[1]
Accurately	[1]

Total marks for activity MM1 [3]

Activity MM2 ALL

Slide 2 text added	[1]
Accuracy of text	[1]
Correct graphic added in correct place	[1]
Slide 3 text added accurately	[1]
Correct graphic added in correct place	[1]
Information in table format	[1]
Slide 4 text added accurately with bullets	[1]
Correct graphic added in correct place	[1]
Slide 5 text added accurately	[1]
Chart added	[1]
Chart centred	[1]
Professional appearance	[1]
All four on one A4	[1]

Total marks for activity MM2 [13]

Activity MM3 ANIMATION

Animation added	[1]
Added to correct file	[1]

Total marks for activity MM3 [2]

Activity MM4 TIME

Timing added to slide 3 or 4	[1]
Correct time (10 sec)	[1]

Total marks for activity MM4 [2]

Activity MM5 LOOP

Loop added

[1]

Total marks for activity MM5

[1]

File Management

Activity FM2 RENAME

Change filename [1]

Folder contents [1]

All data visible on one A4 [1]

Total marks for activity FM2 [3]

Activity FM3 MOVE

Move file to new folder [1]

Folder contents [1]

All data visible on one A4 [1]

Total marks for activity FM3 [3]