

GCE AS

**Applied Information and
Communication Technology**

Summer 2010

Mark Scheme

Issued: October 2010

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.

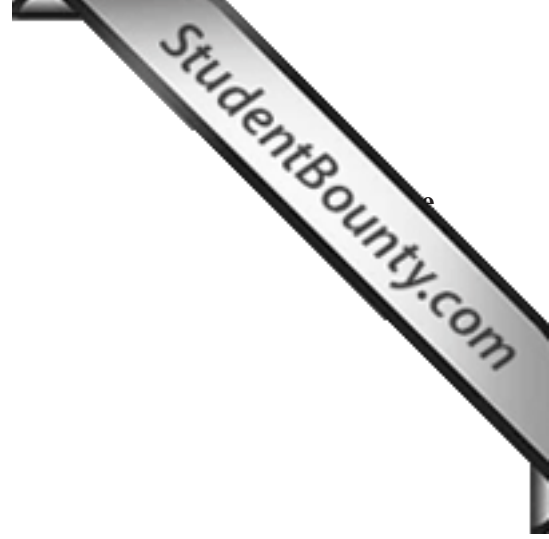
The main purpose of the mark scheme is to provide a uniform basis for the marking process so that all the markers are following exactly the same instructions and making the same judgements in so far as this is possible. Before marking begins a standardising meeting is held where all the markers are briefed 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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AS 2: Unit 2





Rewarding Learning

ADVANCED SUBSIDIARY (AS)
General Certificate of Education
2010

**Applied Information and
Communication Technology**

Assessment Unit AS 2

assessing

Unit 2: Software Applications and Tools

[A3J21]

MONDAY 17 MAY–FRIDAY 21 MAY

**MARK
SCHEME**

DB1 PLACEDSIGN

Correct field name – Consent	[1]
Correct data type – Yes/No	[1]
Default value – NO	[1]
arrow will not point directly at required text	
TOTAL DB1	[3]

DB2 VALIDATION

Validation rule (≤ 7.5)	[1]
Validation text (Cost must be £7.50 or less)	[1]
TOTAL DB2	[2]

DB3 RULECHECK

Two additional records added
(lose 1 mark if all 3 are added)

[2]

TOTAL DB3

[2]

DB4 RELATIONSHIPS

Correct relationship with referential integrity
- Rel. must link Child No fields
(if referential integrity not applied)

[2]

[1]

TOTAL DB4

[2]

DB5 TRIPFORM

Form created - columnar layout	[1]
Title	[1]
Button added	[1]
Label removed – Child last name	[1]
Label modified – Child Name	[1]
Correct Fields –	
Trip ID, Desc, Date, Cost	
Child No, Paid, Consent	
Child first name, last name	[3]
New record added – Child No 19	[1]
All data visible – 7 records	[1]
TOTAL DB5	[10]

DB6 TRIPDESIGN

- Correct fields from CHILD
(Child First Name, Child Last Name) [1]
- Correct fields from TRIP
(Trip ID, Desc, Date, Cost) [1]
Date ascending order [1]
Criteria [2]
 Between now() and 30/06/2010
 (Like */06/2010 or alternative [1])
Correct field from PLACE
(Paid) = 'No' [1]

TOTAL DB6 [6]

DB7 INCOME

- Correct title [1]
Correct fields – Desc, Date, Cost [1]
Date order [1]
Label modified – Cost per Child [1]
New labels added for Number of Children
 Income Generated [2]
 Overall Total [1]
Correct layout – all fields on one line
 (i.e. 1 line per trip) [1]
Number of children calculated [1]
Income Generated Calculated [1]
Overall Cost Calculated [1]
- TOTAL DB7 [10]**
- Total marks for database task DB1:DB7 [35]**

SSI CHART

Row and column	[1]
Clustered Column (4 columns)	[2]
Chart Title (Attendances)	[1]
Category (X) Axis (Time)	[1]
Category (Y) Axis (Total Students)	[1]
Both Grid Lines	[2]
Legend (Top)	[2]
(Anywhere else [1]) Data Table shown	[1]

SSI CHART [11]

SS2 TITLES

Data entered correctly	[1]
3 new rows	[1]
Currency	[1]
TOTAL SS2	[3]

SS3 FORMULAE

G5 =B5/2*\$B\$1	[3]
H5 =SUM(B5:E5)*\$B\$2	[2]
I5 =F5*\$B\$3	[2]
Total =SUM(G5:I5)	[2]
Correct fill down	[1]
TOTAL SS3	[10]

SS4 MACROCODE

Sub PRINTTOTALS()
,

' PRINTTOTALS Macro [1]

' Macro recorded xx/xx/2010
,

' **Keyboard Shortcut: Ctrl+Shift+Z** [1]
,

With ActiveSheet.PageSetup

.PrintTitleRows = ""

.PrintTitleColumns = ""

End With

ActiveSheet.PageSetup.PrintArea = ""

With ActiveSheet.PageSetup

.LeftHeader = "Candidate Number"+

.CenterHeader = "School Number" [1]

.RightHeader = "Todays Date" [1]

.LeftFooter = "Unit 2"

.CenterFooter = ""

.RightFooter = "GCE APPLIED ICT" [1]

.PrintHeadings = True

.PrintGridlines = True [2]

.Orientation = xlLandscape

.PaperSize = xlPaperLegal [2]

.FitToPagesWide = 1

.FitToPagesTall = 1 [1]

End With

End Sub

TOTAL SS4 MACRO [10]

Total marks for spreadsheet tasks SS1 : SS4 [34]

34

TASK WP1 SCREENSHOT1

Text entered accurately	[2]
Correct font and size (Verdana, size 14)	[1]
Alignment correct	[1]
Appropriate bullet point selection	[1]
TOTAL WP1	[5]

TASK WP2 LETTER

Page border	[1]
Correct alignment of letterhead (right)	[1]
Inclusion and position of logo	[2]
Accurately entered text, table (correct format), text box, lines	[4]
TOTAL WP2	[8]

TASK WP3 SCREENSHOT2

Parent details (name and address and Dear..)	[3]
Fields positioned appropriately – space between fields in first field	[2]
Merge completed	[1]

TASK WP3 MERGE

Correct parent - 'Petra Poots'	[1]
TOTAL WP3	[7]

Total marks for word processing tasks
WP1 : WP3 [20]

TASK MM1 SLIDES1

3 Slides with correct headings	[2]
Plus appropriate graphic	[3]
Handout view	[1]
Speaker notes included	[1]
Appropriate Content	[1]
TOTAL MM1	[8]

AVAILABLE MARKS			

Total

TASK MM2

Slide sorter view
5 seconds for each slide

[1]
[2]

TOTAL MM2

[3]

Total marks for multimedia tasks

[11]

11

