



*Rewarding Learning*

ADVANCED SUBSIDIARY (AS)  
General Certificate of Education  
2011

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**Applied Information and  
Communication Technology**

Assessment Unit AS 2

*assessing*

Unit 2: Software Applications and Tools

[A3J21]

MONDAY 16 – FRIDAY 20 MAY, 2011

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**MARK  
SCHEME**

### DB1 CAR DESIGN and RELATIONSHIPS

- Correct field name = categoryid
- Correct data type = text
- Correct size = 2
- One to many relationships created  
(1 mark for no referential integrity)

- [1]
- [1]
- [1]
- [2]

**TOTAL DB1 [5]**

### DB2 BOOKING DESIGN

- Field name = passengers
- Data type = number
- Field size = byte
- Validation rule <=6 or <7
- Validation text as shown

- [1]
- [1]
- [1]
- [1]
- [1]

**TOTAL DB2 [5]**

### DB3 SEVENSEATER

Title	[1]
Change label – number of passengers (don't penalise data entry error)	[1]
Close form button	[1]
Remove CategoryId field from subform	[1]
Add 4 records (lose 1 for data entry errors)	[2]
Ensure fully visible – 4 records/no truncated fields	[1]

**TOTAL DB3 [7]**

## DB4 UPPERDESIGN

Correct fields – [2]  
date, time, customerforename,  
customersurname, CarRegistration  
(lose 1 mark if pick up location is selected)  
Date – asc [1]  
Time – asc [1]  
Criteria: \*upper street [1]  
12/01/2011 or 13/01/2011 [2]  
(1 mark for dates, 1 mark for OR)

**TOTAL DB4 [7]**

**DB5 EXPORTDESIGN**

Correct fields

[1]

**TOTAL DB5 [1]**

## DB6 SUMMARY

Title	[1]
Fields	[1]
Label modified – Registration	[1]
New label – Number of Bookings	[1]
Total number of bookings	[1]
Grouping	[2]
(lose 1 mark for incorrect grouping)	
Calculations – Number of bookings	[1]
Total number of bookings	[1]
Print – on one page – as shown	[1]

**TOTAL DB6 [10]**

**SS1 CHANGES**

[1]

Renamed Customer  
Renamed Booking

[2]

Time formatted  
(incorrect am or pm – [1])

**TOTAL SS1 [3]**

**SS2 SUBTOTAL**

Sorted on customer number (column F) [1]  
Count function used [2]  
(Other incorrect function – [1])  
Page break [1]

**TOTAL SS2 [4]**



**SS3 TOTAL**

- Text – Bookings [1]
- Formulae [3]
- Row and column [1]
- Headings [1]
- Landscape [1]
- 1 page only [1]

**TOTAL SS3 [7]**

**SS4 FORMULAE**

- Insert row [1]
- Text [1]
- Formulae
- = F3 1
- \* 1
- \$B\$1 1 [3]
- Formula copied [1]

**TOTAL SS4 [6]**

**SS5 DISCOUNT**

- Main IF () [1]
- Condition 1 <= [1]
- Result 1 [1]
  
- IF () [1]
- Condition 2 <= [1]
- Result 2 [1]
  
- Result 3 [1]
- Nest [1]
- IF [1]

**TOTAL SS5 [9]**

- = VLOOKUP (F3, range , 1) [2]
- or [1]
- name [5]
- range [1]
- ( , :) [9]
- col [9]

= IF(F>25,5%,IF(F3>11,2%,0)) or similar

**SS6 FINAL COST**

$$\begin{array}{r} = G3 \\ - \\ (G3*H3) \end{array} \begin{array}{r} [1] \\ [1] \\ [3] \end{array}$$

**TOTAL SS6 [5]**

## TASK WP1 SCREENSHOT1

Correct logo used

[1]

Correct logo position (top-right)

[1]

Height and width 30%

[1]

**TOTAL WP1 [3]**

**TASK WP2 SCREENSHOT2**

Dropped  
Dropped 5 lines  
0.5 cm from text

[1]  
[1]  
[1]

**TOTAL WP2 [3]**

### TASK WP3 SCREENSHOT3

2 pages (showing page break has been carried out)

3 columns

Width 4 cm and spacing 1.62 cm

Line between columns

[1]

[1]

[1]

[1]

**TOTAL WP3 [4]**

### TASK WP3 SCREENSHOT3

2 pages (showing page break has been carried out)

3 columns

Width 4 cm and spacing 1.62 cm

Line between columns

[1]

[1]

[1]

[1]

**TOTAL WP3 [4]**

**TASK WP4 LEAFLET4**

- Appropriate bullet point style
- Table created (correct layout and text)
- Merged Row
- C.C. SHIFT SYSTEM
- Outer Border
- Other text
- Aligned

- [1]
- [2]
- [1]
- [2]
- [1]
- [1]
- [1]

**TOTAL WP4 [9]**



## TASK MM1 SLIDES

<b>Slide 1</b>	
Text “Community Cars”	[1]
Shapes	[1]
<b>Slide 2</b>	
Bulleted Text	[1]
Oval	[1]
<b>Slide 3</b>	
Title – Charging Rates	[1]
Text	[1]
• Adults ...	[1]
• Children ...	[1]
Appropriate Graphic	[1]
Handout View	[1]
<b>TOTAL MM1</b>	<b>[8]</b>

**TASK MM2 TRANSITION**

- Effect: Dissolve or Fast
- Slide 1: 3 seconds
- Slide 2-3: 5 seconds
- Chime

- [1]
- [1]
- [1]
- [1]

**TOTAL MM2 [4]**