Edexcel GCSE

Applied GCSE ICT 2331
Paper 5331

January 2008

advancing learning, changing lives

Results Mark Scheme

Edexcel GCSE

Applied ICT 5331

Printout Label	ANSWER	POSS. MARK	MAX
	Activity 1: Word Processing Software		
WP1	**For first 5 marks allow with or without colon. Must have at least one space between label and colon for 2nd to 5th mark. (Allow f/t for repeated error.) May include designations as given for Kate and Caitlin – must have at least initial caps.**		

1	To: Kate Maddison/Kate – not Miss (or similar) K Maddison Ignore spelling and capitals	**1**	
2	From: Caitlin/Caitlin Donavon – not Miss (or similar) C Donavon – correct spelling of name and initial/all capitals	**1**	
3	Date: date within exam window (7th to 11th January) Anywhere on page: must include "Date" label Any sensible date format or system date Allow inclusion of correct day. Year is not necessary.	**1**	
4	Re: or Subject: SmartAparts (is the minimum but accept other suitable but not just "Meeting") Anywhere above message: must include "Re", "RE" or "Subject" (not "Ref" or "Title"). Sensible caps. Check spelling.	**1**	
5	cc: Max Smarts/Max (may be Mr M Smarts) Sensible position below To. Allow CC: Do not allow Cc:	**1**	
6, 7	Sensible message including Teenz Club building , 10.30 am, 24 January (year not necessary if given in heading), meeting and mention of apartments or SmartAparts (if not in memo subject) Correct punctuation and accurate spelling Sensible message with errors in spelling and punctuation Inappropriate message with correct punctuation and spelling	**2** **1** **1**	
8	*For layout and order of items allow order if no labels, eg "Date"* To and From as first items in either order on one or two lines above message (but ignore cc if present)	**1**	
9	Subject (if present) and date in either order below To/From, (but ignore cc if present) above message (if present)	**1**	
10	Fitness for purpose (must gain first 7 marks) and consistent layout Do not allow Dear/complimentary close/unnecessary text/etc but ignore "Kate" above message and/or "Caitlin" below. Fitness for purpose mark not given if colons not used for labels.	**1**	
11	**One** memo only (must show copy allow Cc) – not separate memo for Max) – but may include two printouts	**1**	
			11
	Total for Activity 1: 11 marks		

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Printout Label	**ANSWER**	**POSS. MARK**	**MAX**

	Activity 2: Using Spreadsheet Software		
SP1			

1	Heading **BOOKINGS FOR 2007** in **A1** – spelling and all caps as given	**1**	
2	Heading 12pt and bold	**1**	
			2

SP2			
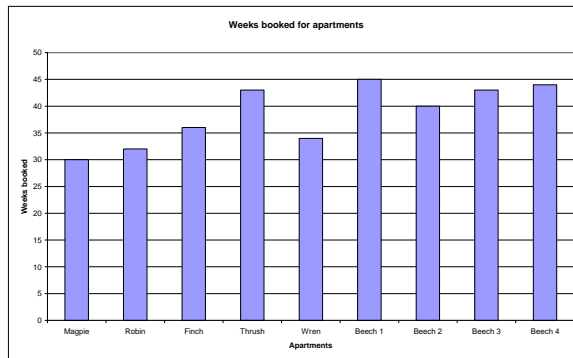
1	Correct bar/column chart (9 correct columns – weeks booked)	**1**	
2	Suitable title – must include apartment(s) and either/both weeks/bookings or similar – check spelling, sensible caps, no full stops	**1**	
3	Axis labels (Apartments/Weeks booked) as given (including caps) on relevant axes	**1**	
4	Correct apartment names (as given), not references	**1**	
5	No unnecessary / duplicated information on the chart. No data labels if gridlines are less than 10. Apartment names if included either in chart area **or** as legend. Must include suitable gridlines (no fractions of apartment)	**1**	
6	Overall fitness for purpose as a graph/chart – including candidate has checked for all of above.	**1**	
			6

SP3			

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A2 BOOKINGS07
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	A	B	C	D	E	F	G
1	BOOKINGS FOR 2007						
2						Total weeks available	
3						50	
4	Apartment reference	Apartment name	Rent (£)	Sleeps	Cost per person (£)	Weeks booked	Percentage weeks booked
5	PR01	Magpie	825	8	=C5/D5	30	
6	PR02	Robin	605	6	=C6/D6	32	
7	PR03	Finch	495	4	=C7/D7	36	
8	PR04	Thrush	385	2	=C8/D8	43	
9	PR05	Wren	715	8	=C9/D9	34	
10	ST22	Beech 1	550	6	=C10/D10	45	
11	ST23	Beech 2	550	6	=C11/D11	40	
12	ST24	Beech 3	275	1	=C12/D12	43	
13	ST25	Beech 4	385	4	=C13/D13	44	

		POSS. MARK	MAX
1	2 new columns (D & E) inserted between C and F and all 7 columns printed on one page	**1**	
2	Label **Sleeps** - spelling and caps as given – in row 4 of first new column	**1**	
3, 4	Data entered (8,6,4,2,8,6,6,1,4) – completely correct One data entry error	**2** **1**	
5	Label **Cost per person (£)** - correct as given, in row 4 of second new column (E)	**1**	
6	Appropriate labels entered in **D4 & E4**	**1**	
7	Entered new labels bold	**1**	
8, 9	=C5/D5 in E5 =C5/D5 in incorrect cell (or follow through e.g. =C5/F5 in G5) =SUM(C5/D5) or anything else that works using cell references in E5	**2** **1** **1**	
10	Replicated for all apartments (only)	**1**	
			10

SP4	**Look at Magpie or any other apartment – allow what is appropriate for that apartment**		

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A2 BOOKINGS07
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	A	B	C	D	E	F	G
1	BOOKINGS FOR 2007						
2						Total weeks available	
3						50	
4	Apartment reference	Apartment name	Rent (£)	Sleeps	Cost per person (£)	Weeks booked	Percentage weeks booked
5	PR01	Magpie	825	8	=C5/D5	30	=F5/$F$3*100
6	PR02	Robin	605	6	=C6/D6	32	=F6/$F$3*100
7	PR03	Finch	495	4	=C7/D7	36	=F7/$F$3*100
8	PR04	Thrush	385	2	=C8/D8	43	=F8/$F$3*100
9	PR05	Wren	715	8	=C9/D9	34	=F9/$F$3*100
10	ST22	Beech 1	550	6	=C10/D10	45	=F10/$F$3*100
11	ST23	Beech 2	550	6	=C11/D11	40	=F11/$F$3*100
12	ST24	Beech 3	275	1	=C12/D12	43	=F12/$F$3*100
13	ST25	Beech 4	385	4	=C13/D13	44	=F13/$F$3*100

		POSS. MARK	MAX
1, 2	=F5/$F$3% or equivalent absolute cell reference (eg F$3) =F5/$F$3*100 or equivalent absolute cell reference (eg F$3) Anything else that works using cell references including use of SUM	**2** **2** **1**	
3	Use of any absolute cell reference	**1**	
			3

Printout Label	ANSWER	POSS. MARK	MAX

SP5

A2 BOOKINGS07

	A	B	C	D	E	F	G	H
1	BOOKINGS FOR 2007							
2						Total weeks available		
3						50		
4	Apartment reference	Apartment name	Rent (£)	Sleeps	Cost per person (£)	Weeks booked	Percentage weeks booked	
5	PR01	Magpie	825	8	=C5/D5	30	=F5/$F$3*100	=IF(G5>80,"Good","Poor")
6	PR02	Robin	605	6	=C6/D6	32	=F6/$F$3*100	=IF(G6>80,"Good","Poor")
7	PR03	Finch	495	4	=C7/D7	36	=F7/$F$3*100	=IF(G7>80,"Good","Poor")
8	PR04	Thrush	385	2	=C8/D8	43	=F8/$F$3*100	=IF(G8>80,"Good","Poor")
9	PR05	Wren	715	8	=C9/D9	34	=F9/$F$3*100	=IF(G9>80,"Good","Poor")
10	ST22	Beech 1	550	6	=C10/D10	45	=F10/$F$3*100	=IF(G10>80,"Good","Poor")
11	ST23	Beech 2	550	6	=C11/D11	40	=F11/$F$3*100	=IF(G11>80,"Good","Poor")
12	ST24	Beech 3	275	1	=C12/D12	43	=F12/$F$3*100	=IF(G12>80,"Good","Poor")
13	ST25	Beech 4	385	4	=C13/D13	44	=F13/$F$3*100	=IF(G13>80,"Good","Poor")

	Correct criterion for Magpie as shown below but accept any suitable criterion that produces correct responses and follow through. Award first mark only if function in H5 – then f/t			
	EITHER (i)	**OR (ii)**		
	Correct criterion in H5			
1	G5>80	G5<=80	**1**	
	Correct message in relation to given criterion (ignore caps)			
2	"Good"	"Poor"	**1**	
	Correct message in relation to given criterion (ignore caps)			
3	"Poor"	"Good"	**1**	
4	Complete IF statement that doesn't produce an error message (must be able to see complete IF statement – closing bracket)		**1**	
5	Replicated for all apartments only		**1**	
				5

SP6

A2 BOOKINGS07

	A	B	E	H
1	BOOKINGS FOR 2007			
2				
3				
4	Apartment reference	Apartment name	Cost per person (£)	
5	PR01	Magpie	103.13	Poor
6	PR02	Robin	100.83	Poor
7	PR03	Finch	123.75	Poor
8	PR04	Thrush	192.50	Good
9	PR05	Wren	89.38	Poor
10	ST22	Beech 1	91.67	Good
11	ST23	Beech 2	91.67	Poor
12	ST24	Beech 3	275.00	Good
13	ST25	Beech 4	96.25	Good

1	Data view	**1**	
2	Portrait	**1**	
3	No truncation or omissions (allow wrapping)	**1**	
4	Values in column **E** (cost f/t) formatted to 2dp. No currency.	**1**	
5, 6	Columns **A**, **B**, **E** and **H** only on 1 A4 sheet – **must** show gridlines and correct row and column headers	**2/0**	
			6
	Total for Activity 2: 32 marks		

Printout Label	ANSWER	POSS. MARK	MAX
	Activity 3: Using Word Processing/DTP Software		

SMARTS LEISURE PARK - QUESTIONNAIRE

Smarts
LEISURE PARK
SmartAparts

BOOKING REFERENCE: ☐☐☐☐☐   YOUR POSTCODE: ☐☐☐☐ ☐☐☐

FIRST NAME/INITIAL: _____   LAST NAME: _____

DATE OF START OF HOLIDAY   (dd/mm/yyyy):   ☐☐ / ☐☐ / ☐☐☐☐

WHICH SMARTS' FACILITIES DID YOU USE?
(Please tick all relevant boxes or write information)

Onion Café: .... ☐
Bike Hire: .... ☐
Swimming Pool: .... ☐
Ski Slope: .... ☐
Other (please state): ....

WHICH OF THESE PREMIER APARTMENT FACILITIES DID YOU USE?
(Please tick all relevant boxes)

SmartPhone:............................. ☐
Plasma TV: .... ☐
SmartCard: .... ☐

WHY DID YOU CHOOSE A PREMIER APARTMENT?
(Please tick one box or write information)

Special occasion:...................... ☐
Value for money: .... ☐
Only available apartment: .... ☐
Other (please state): ....

HOW MANY MILES DID YOU TRAVEL TO SMARTS LEISURE PARK?
(Please tick one box)

About 200: .... ☐
About 100: .... ☐
About 50: .... ☐
About 10: .... ☐

DO YOU HAVE ANY ADDITIONAL COMMENTS ABOUT YOUR STAY AT SMARTS LEISURE PARK?

....

....

....

THANK YOU FOR TAKING THE TIME TO COMPLETE THIS QUESTIONNAIRE!

XXXXXXXXXXX   XXXX   XXXXX

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Printout Label	ANSWER	POSS. MARK	MAX
DP1			
1	Use of file **SURVEY** – text as given (check for basic information)	1	
2	All **Premier apartment facilities** information included – ignore spelling, position and boxes	1	
3	All **Choice of apartment** information included – ignore spelling, position and boxes/dotted line	1	
4	All **Miles travelled** information included – ignore spelling, position and boxes	1	
5	Above 3 items included in correct **position** (ignore layout)	1	
6	Above 3 items – spelling (especially spelling of SmartPhone) and caps as given. Anything additional must be correct and spell-checked.	1	
7	Subheadings not included with text	1	
8	Tick boxes added with information (10 boxes) ignore if added to "Other (please state)"	1	
9	Suitable dotted line added with "Other (please state):" No tick box	1	
10	Layout/tabulation consistent with basic document including indented lists	1	
11	3 dotted lines for additional comments	1	
12	Double spacing for dotted lines	1	
13	Consistency of font, size and style (may have different consistent size and style for headings). Ignore final line in italics.	1	
14	One appropriate change for ease of use, eg boxes instead of dotted line for date (must have 4 boxes for year)	1	
15	Fits on one A4 sheet	1	
16	Fitness for purpose (including all of above except marking point 14) and overall consistent layout	1	
			16
	Total for Activity 3:		16

Printout Label	ANSWER	POSS. MARK	MAX
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	Activity 4: Using Database Software		
DB1			

APARTMENT

ApartRef	ApartName	Sleeps	Beds	Rent	Cot	BBQ	Dist
ST13	Oak 4	4	2	£440.00	Yes	No	30
ST03	Ash 3	4	2	£440.00	No	Yes	50
ST21	Elm 6	4	2	£660.00	No	No	50
ST14	Oak 5	4	2	£440.00	No	No	75
ST02	Ash 2	2	1	£330.00	No	No	100
ST20	Elm 5	8	4	£660.00	Yes	Yes	100
ST04	Ash 4	5	3	£495.00	Yes	No	150
PR05	Wren	8	4	£715.00	Yes	Yes	150
ST09	Pine 4	8	4	£660.00	Yes	No	150
ST18	Elm 3	2	1	£275.00	No	Yes	150
ST25	Beech 4	4	2	£385.00	No	Yes	175
ST15	Oak 6	2	1	£275.00	No	Yes	175
ST19	Elm 4	6	3	£550.00	No	No	200
PR04	Thrush	2	1	£385.00	No	Yes	200
ST07	Pine 2	8	4	£660.00	No	No	200
ST06	Pine 1	4	2	£440.00	No	Yes	200
ST17	Elm 2	2	1	£330.00	Yes	No	225
ST22	Beech 1	6	3	£550.00	No	Yes	250
ST12	Oak 3	5	3	£495.00	Yes	Yes	250
ST08	Pine 3	6	3	£550.00	No	Yes	250
ST24	Beech 3	1	1	£275.00	No	Yes	275
PR01	Magpie	8	4	£825.00	Yes	Yes	300
ST11	Oak 2	3	3	£330.00	Yes	No	300
ST23	Beech 2	6	3	£550.00	Yes	No	300
ST16	Elm 1	3	2	£385.00	No	No	325
ST05	Ash 5	4	2	£440.00	No	Yes	350
PR03	Finch	4	2	£495.00	No	Yes	350
ST10	Oak 1	8	4	£660.00	No	Yes	350
ST01	Ash 1	2	1	£330.00	No	No	400
PR02	Robin	6	3	£605.00	Yes	Yes	450

1	All 30 records sorted on **Dist** – all 8 fields	**1**	
2	Records sorted in ascending order (*Oak 4 to Robin*) of **Dist** – at least ApartRef and Dist fields - must see a minimum of 5 records	**1**	
3	No truncation of data printed/seen	**1**	
4	PR05 – Wren - identified by hand (Premier closest)	**1**	
5	ST25 – Beech 4 - identified by hand (Beech closest)	**1**	
			5

DB2			

BookingRef	ApartRef	StartDate	SmartPhone	PlasmaTV	SmartCard	Reason	Miles
34246	PR02	28/04/2007	No	Yes	Yes	SO	200
34835	PR04	25/08/2007	No	Yes	No	SO	200
34127	PR02	17/02/2007	Yes	Yes	Yes	VM	200
34711	PR05	02/06/2007	Yes	No	Yes	OA	200
34359	PR04	06/10/2007	Yes	Yes	No	OA	200
34259	PR04	21/07/2007	Yes	No	Yes	OA	200
34028	PR04	21/04/2007	Yes	No	Yes	VM	200
34991	PR01	08/09/2007	No	No	No	OT	100
34923	PR01	19/05/2007	No	Yes	Yes	SO	100
34268	PR03	04/08/2007	Yes	No	Yes	SO	100
34746	PR05	14/04/2007	Yes	No	No	OT	100
34321	PR03	11/08/2007	Yes	No	Yes	OA	100
34568	PR05	18/08/2007	Yes	No	Yes	SO	100
34407	PR03	24/03/2007	No	Yes	Yes	OT	50
34178	PR04	03/03/2007	Yes	Yes	No	VM	50
34157	PR02	20/10/2007	Yes	Yes	Yes	OA	50
34610	PR02	30/06/2007	Yes	No	Yes	OT	50
34684	PR01	07/07/2007	Yes	Yes	Yes	VM	50
34695	PR01	23/06/2007	No	No	Yes	OT	50
34813	PR04	14/07/2007	No	Yes	No	VM	50
34601	PR01	18/08/2007	No	No	Yes	OT	50
34227	PR05	16/06/2007	No	No	No	VM	10
34381	PR02	21/04/2007	No	Yes	Yes	SO	10
34471	PR05	26/05/2007	No	No	No	SO	10
34534	PR03	22/09/2007	Yes	No	Yes	SO	10
34718	PR05	29/09/2007	No	Yes	Yes	VM	10
34512	PR02	15/09/2007	No	Yes	Yes	OA	10

1, 2	Correct new record as given (check O and 0 in ApartRef and Reason) 34246 PR02 28/04/2007 No Yes Yes SO 200 Correct except entry error in 1 field or 1 missing field	**2** **1**	
3	All 27 records (or 26 if no new record) sorted on **Miles travelled** (200 to 10 or 10 to 200). All 8 columns.	**1**	
4	Records sorted in descending order of **Miles travelled**. Must be able to see at least 9 records for the mark. All 8 columns.	**1**	
			4

Printout Label	ANSWER	POSS. MARK	MAX
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Printout Label	ANSWER	POSS. MARK	MAX
DB3	**Must be a form produced using database software. May be in design view for first 5 marks.**		

Default version

Amended version

1	Screen shot of form	**1**	
2	Form shows all 8 correct data entry fields only.	**1**	
	For the following customisation marks accept each form of customisation only once. For customisation of field names accept any one sensible of BookingRef, ApartRef, StartDate, Reason, Miles		
3	Clear attempt to customise form to meet needs of user *(not aesthetic changes eg colour)* eg suitable title on form (not title bar) - must include **Reply** or similar customised field name (any one, see above) Suitable customised length for at least one entry box	**1**	
4	Clear attempt to customise form to meet needs of user *(not aesthetic changes eg colour)* eg suitable title on form (not title bar) - must include **Reply** or similar customised field name (any one, see above) Suitable customised length for at least one entry box	**1**	
5	Additional feature that makes form easy to use – eg help message – more than description field that might appear at the bottom of the form, drop down box (field other than miles). (*Note the value for money drop down above is beyond the requirements – drop down showing VM would have been acceptable*)	**1**	
6	Clear sensible layout. Do not accept design view.	**1**	
			6

Printout Label	ANSWER	POSS. MARK	MAX
DB4	**Must clearly be result of a search on REPLY table. Do not accept design view.**		

BookingRef	ApartRef	StartDate	SmartPhone	PlasmaTV	SmartCard	Reason	Miles
34028	PR04	21/04/2007	Yes	No	Yes	VM	200
34127	PR02	17/02/2007	Yes	Yes	Yes	VM	200
34157	PR02	20/10/2007	Yes	Yes	Yes	OA	50
34178	PR04	03/03/2007	Yes	Yes	No	VM	50
34259	PR04	21/07/2007	Yes	No	Yes	OA	200
34268	PR03	04/08/2007	Yes	No	Yes	SO	100
34321	PR03	11/08/2007	Yes	No	Yes	OA	100
34359	PR04	06/10/2007	Yes	Yes	No	OA	200
34534	PR03	22/09/2007	Yes	No	Yes	SO	10
34568	PR05	18/08/2007	Yes	No	Yes	SO	100
34610	PR02	30/06/2007	Yes	No	Yes	OT	50
34684	PR01	07/07/2007	Yes	Yes	Yes	VM	50
34711	PR05	02/06/2007	Yes	No	Yes	OA	200
34746	PR05	14/04/2007	Yes	No	No	OT	100

Printout Label	ANSWER	POSS. MARK	MAX
[1, 2]	Correct 14 records and all 8 fields only	**2/0**	
			2

Printout Label	ANSWER	POSS. MARK	MAX
DB5	**Must clearly be result of a search on REPLY table. Last two marks can be awarded for screenshot of design view.**		

ApartRef	Miles	SmartPhone	PlasmaTV	SmartCard
PR01	100	No	No	No
PR01	100	No	Yes	Yes
PR01	50	No	No	Yes
PR01	50	Yes	Yes	Yes
PR01	50	No	No	Yes
PR05	100	Yes	No	No
PR05	10	No	Yes	Yes
PR05	200	Yes	No	Yes
PR05	100	Yes	No	Yes
PR05	10	No	No	No
PR05	10	No	No	No

Printout Label	ANSWER	POSS. MARK	MAX
[1, 2]	Must include ApartRef and Miles Correct 11 records only Correct 5 records for PR01 (Magpie) only Correct 6 records for PR05 (Wren) only	 **2** **1** **1**	
[3, 4]	ApartRef, Miles, SmartPhone, PlasmaTV and SmartCard fields shown only – in this order ApartRef, Miles, SmartPhone, PlasmaTV and SmartCard fields – plus ApartName ApartRef, Miles, SmartPhone, PlasmaTV and SmartCard fields only – incorrect order	**2** **1** **1**	
			4
	Total for Activity 4: 21 marks		

	Activity 5: Word Processing/Presentation Software		

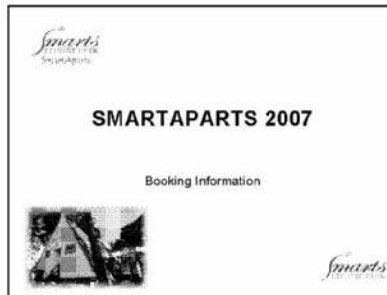|			
MM1	**Looking at presentation design sheet. Labels must be hand written to gain any credit.**		

1	Indication of inclusion of (suitable) graphic anywhere on slide 1	**1**	
2, 3	Indication of inclusion of up to 2 of the following anywhere on slide 2: SmartAparts logo – do not accept just logo Text e.g. suitable title or "Comparison of Bookings" or similar Chart	**2/1/0**	
4, 5	Indication of inclusion of up to 2 of the following anywhere on slide 3: Smarts Leisure Park logo – do not accept just logo Text e.g. suitable title or "Database Information" or similar Indication of information from database query	**2/1/0**	
			5

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MM2	**Looking at slide 1**		

1	SmartAparts logo in top left quarter (ignore exact position/size/proportions)	**1**	
2	Smarts Leisure Park logo in bottom right quarter (ignore exact position and size but proportions retained and must be readable)	**1**	
3	Recognisable title – **SMARTAPARTS 2007** – ignore spelling – approximate position but must be between top logo and subheading if present. All caps.	**1**	
4	Text **Booking Information** – correct spelling – initial caps – approximate position but between title and bottom logo, if present.	**1**	
5	Suitable graphic from clipart or **GRAPHICS** file (allow Premier Apartment (1), Premier Apartment (2), Outside an apartment, A SmartApart, SmartPhone). Do not allow repeated logo.	**1**	
			5

MM3	**Looking at slide 2**		

1	2 logos included approximately as candidate's slide 1	**1**	
2	Title – Comparison of Bookings or similar – correct spelling – approximate position but must be fully below top logo if present – must have initial cap for first word – ignore other sensible caps	**1**	
3	Their chart SP2 (**not** screenshot) – proportions retained – approximate position but must start below title if present (may end up below top of bottom logo (but not obscure or be obscured by logo). Do not allow touching chart and logo.	**1**	
			3

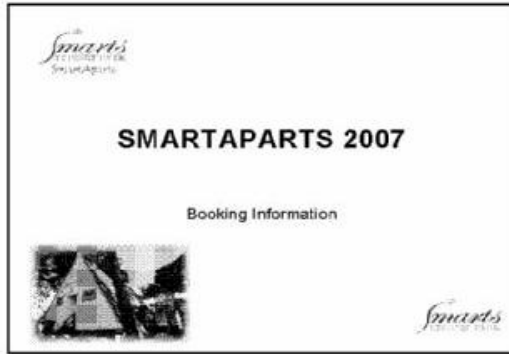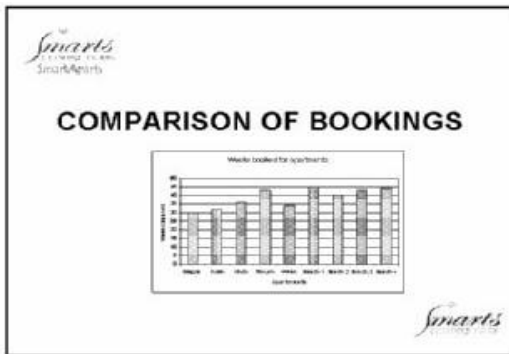| MM4	Looking at slide 3		
1	2 logos included approximately as candidate's slide 1 or slide 2	**1**	
2	Title – Database Information or similar – correct spelling – approximate position but must be below top logo if present and above database extract – must have initial cap for first word ignore other sensible caps	**1**	
3	Their DB5 (**not** screenshot) – approximate position – must be below title if present and must not obscure or be obscured by logos (ignore text "DB5" 'floating' on slide). Do not allow touching table and logo.	**1**	
			3

Printout Label	ANSWER	POSS. MARK	MAX
MM5	**Looking at all 3 slides. For marking points 3 and 4, slides must be same size on printouts. Must have at least 2 slides for first two marks and 3 slides for points 3 and 4.**		

1	Slides presented match candidates' design	**1**	
2	Accuracy in copying and all titles in uppercase	**1**	
3	Consistency of font, size and style of text over 3 slides (may be different for titles and sub-heading "Booking Information" text). No WordArt.	**1**	
4	Overall fitness for purpose: all of MM2, MM3, and MM4: consistent layout for objects: all **required** objects included: consistent use (or not) of boxes: proportion of graphic/logos retained. 2 slides per page.	**1**	
			4
	Total for Activity 5: 20 marks		
	TOTAL MARKS FOR PAPER: 100 marks		