

## **MARK SCHEME for the October 2007 question paper**

<p style="text-align: center;"><b>CAMBRIDGE INTERNATIONAL DIPLOMA IN ICT</b> <b>5202A     Advanced Spreadsheets, Maximum mark 100</b></p>
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This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began.

All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes must be read in conjunction with the question papers and the report on the examination.

- CIE will not enter into discussions or correspondence in connection with these mark schemes.

CIE is publishing the mark schemes for the October/November 2007 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

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**Poor Ticket Sales – Breakfast**

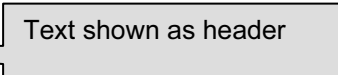
<b>TicketDate</b>	<b>Time</b>	<b>Sold</b>	<b>Basic</b>	<b>Hour</b>	<b>MealType</b>	<b>MealCharge</b>	<b>TotalTakings</b>
24-Jan-07	T080000	41	5.00	8	BKFST	0.25	215.25
26-Jan-07	T080000	41	5.00	8	BKFST	0.25	215.25
01-Feb-07	T080000	31	5.00	8	BKFST	0.25	162.75
12-Jan-07	T080000	4	5.00	8	BKFST	0.25	21.00
08-Jan-07	T100500	36	5.00	10	BKFST	0.25	189.00
04-Feb-07	T100500	36	5.00	10	BKFST	0.25	189.00
25-Jan-07	T100500	28	5.00	10	BKFST	0.25	147.00
26-Jan-07	T100500	24	5.00	10	BKFST	0.25	126.00
18-Jan-07	T100500	14	5.00	10	BKFST	0.25	73.50
30-Jan-07	T100500	0	5.00	10	BKFST	0.25	0.00

Sorted by Hour (asc) then  
TotalTakings (desc).  
Only BKFST shown and sold <50  
Values calculated as shown.  
Numbers to 2dp as shown

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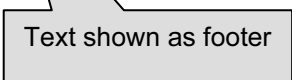
Text shown as footer

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Best Sales  Text shown as header

	<b>B</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>
<b>2</b>	<b>Time</b>	<b>Hour</b>	<b>MealType</b>	<b>MealCharge</b>	<b>TotalTakings</b>
<b>3</b>	T080000	=MID(B3,2,2)*1	=VLOOKUP(E3,assa7mls.csv!CODES,2)	=IF(F3="BKFST",BKFST*D3,IF(F3="LNCH",LNCH*D3,DNNR*D3))	=C3*(G3+D3)
<b>4</b>	T080000	=MID(B4,2,2)*1	=VLOOKUP(E4,assa7mls.csv!CODES,2)	=IF(F4="BKFST",BKFST*D4,IF(F4="LNCH",LNCH*D4,DNNR*D4))	=C4*(G4+D4)
<b>5</b>	T080000	=MID(B5,2,2)*1	=VLOOKUP(E5,assa7mls.csv!CODES,2)	=IF(F5="BKFST",BKFST*D5,IF(F5="LNCH",LNCH*D5,DNNR*D5))	=C5*(G5+D5)
<b>6</b>	T080000	=MID(B6,2,2)*1	=VLOOKUP(E6,assa7mls.csv!CODES,2)	=IF(F6="BKFST",BKFST*D6,IF(F6="LNCH",LNCH*D6,DNNR*D6))	=C6*(G6+D6)
<b>53</b>	T100500	=MID(B53,2,2)*1	=VLOOKUP(E53,assa7mls.csv!CODES,2)	=IF(F53="BKFST",BKFST*D53,IF(F53="LNCH",LNCH*D53,DNNR*D53))	=C53*(G53+D53)
<b>54</b>	T100500	=MID(B54,2,2)*1	=VLOOKUP(E54,assa7mls.csv!CODES,2)	=IF(F54="BKFST",BKFST*D54,IF(F54="LNCH",LNCH*D54,DNNR*D54))	=C54*(G54+D54)
<b>55</b>	T100500	=MID(B55,2,2)*1	=VLOOKUP(E55,assa7mls.csv!CODES,2)	=IF(F55="BKFST",BKFST*D55,IF(F55="LNCH",LNCH*D55,DNNR*D55))	=C55*(G55+D55)
<b>56</b>	T100500	=MID(B56,2,2)*1	=VLOOKUP(E56,assa7mls.csv!CODES,2)	=IF(F56="BKFST",BKFST*D56,IF(F56="LNCH",LNCH*D56,DNNR*D56))	=C56*(G56+D56)
<b>78</b>	T113000	=MID(B78,2,2)*1	=VLOOKUP(E78,assa7mls.csv!CODES,2)	=IF(F78="BKFST",BKFST*D78,IF(F78="LNCH",LNCH*D78,DNNR*D78))	=C78*(G78+D78)
<b>79</b>	T113000	=MID(B79,2,2)*1	=VLOOKUP(E79,assa7mls.csv!CODES,2)	=IF(F79="BKFST",BKFST*D79,IF(F79="LNCH",LNCH*D79,DNNR*D79))	=C79*(G79+D79)

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Column/Row headers shown  
 Formulae in Hour, Mealtype, MealCharge and TotalTakings column  
 (formula in hour column can be any formula which would get the numeric value of the hour)  
 MealType formula must refer to assa7mls file  
 MealCharge refers to named cells  
 TotalTakings involves multiplication and addition  
 Only these rows visible

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**Lunch Sales by Hour**

11	12	13
2148	611	485

11	2148
12	611
13	485

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Hours as shown  
 Counts as shown  
 Transposed with correct  
 counts against hours