



2007 Computing Studies

Standard Grade – Credit

Finalised Marking Instructions

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7. The centre uses a spreadsheet to keep track of its clients' accounts. Part of the spreadsheet is shown below.

	A	B	C	D	E
1	Name	Total Cost	Discount	Amount Paid	Money Due
2	Dino Mancini	520	52	300	168
3	Isla Sutherland	800	80	700	20
4	Sparky Douglas	280	0	200	80
5	Jack Valman	350	0	350	0

- (a) Cell C2 contains a *function* that determines any discount due to the client. If a client spends £500 or more on a course, then a discount of 10% is given, otherwise they receive no discount.

Part of the function is shown below. Complete the function.

$$= \text{IF} (B2 \geq 500, \underline{B2*10\% \text{ OR } B2*0.1 \text{ OR } B2/10}, 0)$$

- (b) This function has been replicated from cell C2 into cells C3 to C5. What type of reference has been used?

Type of reference Relative

Explain your answer Cell references OR formula changes (1)
when copied from one cell to the next

- (c) At the end of each month, course directors receive a word processed report containing bar charts showing the number of clients completing their courses and the amount of money due. This information changes from month to month.

What type of linkage has taken place between the word processor and the spreadsheet applications?

Type of linkage Dynamic

Explain your answer Contents of report automatically changes
when each new report is created

Static with a good reason - a different report every month
(2 marks)

2
1
01
01
01
01
0

