



# Key skills Information and communication technology

## Level 3

## Kennels

### Final Mark Scheme

#### Notes for markers

The award of each mark is clearly stated. Half marks must not be used. Where more than one mark is awarded, partially correct answers are awarded fewer marks. These are clearly defined.

All printouts must contain the candidate name and the date. Printouts without a name must not be marked. Formula printouts should contain sheet row and column headings.

If the filename lists/screen prints or other printouts do not have the candidate's name printed, the candidate's name should be hand written.

Case is unimportant, unless otherwise stated.

The filenames shown should be recognised as being of the file type required in the test.

Where a candidate has been penalised for an error this must be allowed as a follow-through error and not penalised again. All formulas should be checked by the marking examiner and all effective formulas should be accepted.

If a printout is missing but the evidence can be found elsewhere then this should be marked.

	<b>LEVEL 3 - Kennels - TASK A</b>	<b>Level &lt; 3</b>	<b>Refer to</b>	<b>Mark</b>	<b>Maximum Mark</b>
1a	Data imported correctly into a spreadsheet application		<b>Printout 1</b>	<b>1</b>	<b>3</b>
1b	<b>B3, E5:F13 and G16:G19</b> set as currency to two decimal places	Y	<b>Printout 1</b>	<b>1</b>	
1c	File name <b>S1-</b> plus initials (hyphen unimportant)	Y	<b>Printout 5</b>	<b>1</b>	

2a	<p>Effective formula in cell <b>E5</b> using whole range for example            =VLOOKUP(B5,\$F\$16:\$G\$19,2,False)            =LOOKUP(B5,\$F\$16:\$G\$19)            =VLOOKUP(B5,\$F\$15:\$G\$19,2,False)            =LOOKUP(B5,\$F\$16:\$F\$19,\$G\$16:\$G\$19)</p> <p>Accept named range in place of absolute cell range. With or without FALSE</p> <p>Accept with or without row 15</p> <p>Formula as above without absolute referencing - deduct 3 marks</p> <p>Correct formula with incorrect cell reference or incomplete range - deduct 3 marks</p> <p>= cell ref only – no marks</p>		<b>Printout 2</b>	<b>9</b>	<b>16</b>
2b	<p>Effective formula in <b>F5</b>. Example            =IF(C5="Yes",,\$B\$3,0)</p> <p>Absolute not used – deduct 1 mark</p> <p>Minor errors in logic – deduct 2 marks</p> <p>Minor errors in THEN or ELSE – deduct 2 marks</p>		<b>Printout 2</b>	<b>6</b>	
2c	Evidence of replication in columns <b>E</b> and <b>F</b>	y	<b>Printout 2</b>	<b>1</b>	

3a	Selected area of spreadsheet only <b>E4:F13</b> (award only if row & col headings present)		<b>Printout 2</b>	<b>2</b>	<b>5</b>
	Gridlines & row & col heading			<b>1</b>	
	Formula printout			<b>1</b>	
	All formula fully displayed			<b>1</b>	

**Total****24**

	<b>TASK B</b>	<b>Level &lt; 3</b>	<b>Refer to</b>	<b>Mark</b>	<b>Maximum Mark</b>
4b	Data correctly imported into a database.		<b>Printout 3/4</b>	<b>1</b>	
	Correct field names			<b>1</b>	
4c	<b>ClientID</b> set as primary key		<b>Printout 3</b>	<b>2</b>	
4d	<b>Medication</b> and <b>SpecialDiet</b> set as logical fields	y	<b>Printout 3</b>	<b>1</b>	
4e	<b>Code</b> field size set as 1		<b>Printout 3</b>	<b>2</b>	

5a	Validation rule for <b>Code</b> ="A" Or "B" Or "C" Or "D" Accept In("A","B","C","D")		<b>Printout 3</b>	<b>3</b>	<b>5</b>
	Validation Message includes "A, B, C or D" (with or without ")			<b>1</b>	
5b	Readable screen dump of table structure showing all field names		<b>Printout 3</b>	<b>1</b>	

6a	Only correct 15 records selected (Jonno, Lady, Frederick, Seamus, Rex, Rocky, Jimmy, Bambino, Mungo, Homer, Cleopatra, Blackie, Bambi, Spot, Sprintz)		<b>Printout 4</b>	<b>5</b>	<b>13</b>
	Yes with non-inclusive date(s) - 4 marks only				
	Two dates only (both inclusive) – 3 marks only				
	Two dates only (one or both non-inclusive) – 2 marks only				
	One date only (either inclusive or non-inclusive) – 1 mark only				
Logical field as Yes only – 1 mark only					
6b	Report title: <b>November - Dogs With Special Diets</b>		<b>Printout 4</b>	<b>1</b>	
6c	Only fields <b>NoDays, ArrDate, ClientID, ContactNo, DogName</b> and <b>Breed</b> selected		<b>Printout 4</b>	<b>1</b>	
	Fields in correct order			<b>1</b>	
	All data fully displayed in columns, portrait			<b>1</b>	
6d	Grouped by <b>NoDays</b>		<b>Printout 4</b>	<b>2</b>	
	Only sorted in ascending order of <b>NoDays</b> - 1 mark only				
	Sorted in ascending order of <b>ArrDate</b>			<b>1</b>	
6e	Printed report footer containing name and title <b>Printout-4</b> (hyphen unimportant)		<b>Printout 4</b>	<b>1</b>	
<b>Total</b>					<b>25</b>

	<b>Task C – Record of file names produced during test</b>	<b>Level &lt; 3</b>	<b>Refer to</b>	<b>Mark</b>	<b>Maximum Mark</b>
7a	A screendump of all file names produced by the candidate during this test. There should be at least <b>1 database</b> and <b>1 spreadsheet</b> file related to this test.		<b>Printout 5</b>	<b>1</b>	<b>1</b>
<b>Total:</b>					<b>1</b>

TOTAL NUMBER OF MARKS FOR TEST:

50

THE DOG HOUSE

Discount for shared accommodation £6.00

Name	Code	Share	Number of Days	Daily Cost	Discount
Momma Dog Akanbi	C	No	14	£8.25	£0.00
Caesar Angelo	B	Yes	7	£7.50	£6.00
Travis Foret	D	No	14	£9.00	£0.00
Coco Hoisin	B	Yes	1	£7.50	£6.00
Winston Holden	A	Yes	7	£6.25	£6.00
Midnight Patel	C	Yes	2	£8.25	£6.00
Duke Rushton	D	No	14	£9.00	£0.00
Kiltie Walsh	D	No	7	£9.00	£0.00
Montgomery Wardley	C	Yes	7	£8.25	£6.00

Code	Daily Cost
A	£6.25
B	£7.50
C	£8.25
D	£9.00

Freda J Bloggs

15 November 2004

Printout-1

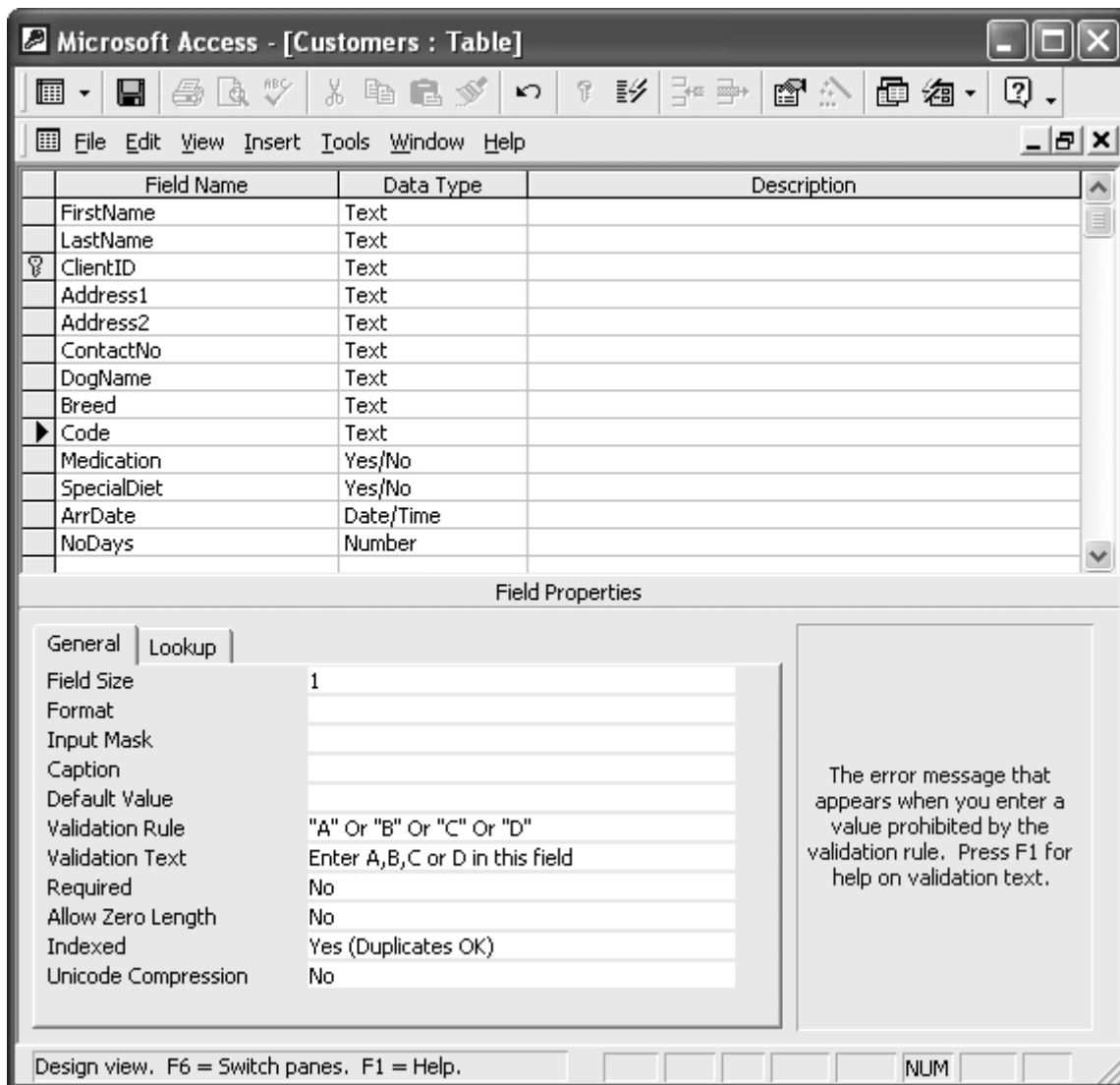
	E	F
4	Daily Cost	Discount
5	=VLOOKUP(B5,\$F\$16:\$G\$19,2,FALSE)	=IF(C5="Yes",,\$B\$3,0)
6	=VLOOKUP(B6,\$F\$16:\$G\$19,2, FALSE)	=IF(C6="Yes",,\$B\$3,0)
7	=VLOOKUP(B7,\$F\$16:\$G\$19,2, FALSE)	=IF(C7="Yes",,\$B\$3,0)
8	=VLOOKUP(B8,\$F\$16:\$G\$19,2, FALSE)	=IF(C8="Yes",,\$B\$3,0)
9	=VLOOKUP(B9,\$F\$16:\$G\$19,2, FALSE)	=IF(C9="Yes",,\$B\$3,0)
10	=VLOOKUP(B10,\$F\$16:\$G\$19,2, FALSE)	=IF(C10="Yes",,\$B\$3,0)
11	=VLOOKUP(B11,\$F\$16:\$G\$19,2, FALSE)	=IF(C11="Yes",,\$B\$3,0)
12	=VLOOKUP(B12,\$F\$16:\$G\$19,2 FALSE,)	=IF(C12="Yes",,\$B\$3,0)
13	=VLOOKUP(B13,\$F\$16:\$G\$19,2, FALSE)	=IF(C13="Yes",,\$B\$3,0)

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15 November 2004

Printout-2

**Customer Table**



## November - Dogs With Special Diets

NoDays	ArrDate	ClientID	ContactNo	DogName	Breed
3	01/11/2005	AM05145	015478945455	Jonno	Borzoi
	14/11/2005	SS05143	015459897890	Lady	Red Setter
	30/11/2005	BE05139	015896787656	Frederick	Great Dane
7	06/11/2005	SM05114	014546787783	Seamus	Irish Wolfhound
	06/11/2005	SE05116	015893133434	Rex	Borzoi
	06/11/2005	GB05111	014438799833	Rocky	St Bernard
	14/11/2005	SB05150	015878796545	Jimmy	Dobermann Pinscher
	18/11/2005	CM05149	016549890566	Bambino	St Bernard
	29/11/2005	WL05144	012229867877	Mungo	Bedlington Terrier
	29/11/2005	JC05127	012345689432	Homer	St Bernard
	30/11/2005	SH05133	019283564721	Cleopatra	Great Dane
14	03/11/2005	WC05132	014365877844	Blackie	Border Collie
	06/11/2005	JG05141	015409009434	Bambi	Great Dane
	14/11/2005	SW05147	012348889878	Spot	Red Setter
	29/11/2005	BC05146	014568956563	Sprintz	Afghan Hound

