

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.

| | LEVEL 3 - Kennels - TASK A | Level < 3 | Refer to | Mark | Maximum Mark |
|--------------|---|---------------------|-------------------|-------------|---------------------|
| 1a | Data imported correctly into a spreadsheet application | | Printout 1 | 1 | 3 |
| 1b | B3, E5:F13 and G16:G19 set as currency to two decimal places | Y | Printout 1 | 1 | |
| 1c | File name S1- plus initials (hyphen unimportant) | Y | Printout 5 | 1 | |
| 2a | Effective formula in cell E5 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) Accept named range in place of absolute cell range. With or without FALSE Accept with or without row 15 Formula as above without absolute referencing - deduct 3 marks Correct formula with incorrect cell reference or incomplete range - deduct 3 marks = cell ref only – no marks | | Printout 2 | 9 | 16 |
| 2b | Effective formula in F5 . Example =IF(C5="Yes",,\$B\$3,0) Absolute not used – deduct 1 mark Minor errors in logic – deduct 2 marks Minor errors in THEN or ELSE – deduct 2 marks | | Printout 2 | 6 | |
| 2c | Evidence of replication in columns E and F | y | Printout 2 | 1 | |
| 3a | Selected area of spreadsheet only E4:F13 (award only if row & col headings present) | | Printout 2 | 2 | 5 |
| | Gridlines & row & col heading | | | 1 | |
| | Formula printout | | | 1 | |
| | All formula fully displayed | | | 1 | |
| Total | | | | | 24 |

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

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

| | | | | | |
|---|---|--|-------------------|----------|-----------|
| 6a | Only correct 15 records selected (Jonno, Lady, Frederick, Seamus, Rex, Rocky, Jimmy, Bambino, Mungo, Homer, Cleopatra, Blackie, Bambi, Spot, Sprintz) | | Printout 4 | 5 | 13 |
| | 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: November - Dogs With Special Diets | | Printout 4 | 1 | |
| 6c | Only fields NoDays, ArrDate, ClientID, ContactNo, DogName and Breed selected | | Printout 4 | 1 | |
| | Fields in correct order | | | 1 | |
| | All data fully displayed in columns, portrait | | | 1 | |
| 6d | Grouped by NoDays | | Printout 4 | 2 | |
| | Only sorted in ascending order of NoDays - 1 mark only | | | | |
| | Sorted in ascending order of ArrDate | | | 1 | |
| 6e | Printed report footer containing name and title Printout-4 (hyphen unimportant) | | Printout 4 | 1 | |

Total

25

| | Task C – Record of file names produced during test | Level < 3 | Refer to | Mark | Maximum Mark |
|----|---|---------------------|-------------------|-------------|---------------------|
| 7a | A screendump of all file names produced by the candidate during this test. There should be at least 1 database and 1 spreadsheet file related to this test. | | Printout 5 | 1 | 1 |

Total:**1**

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

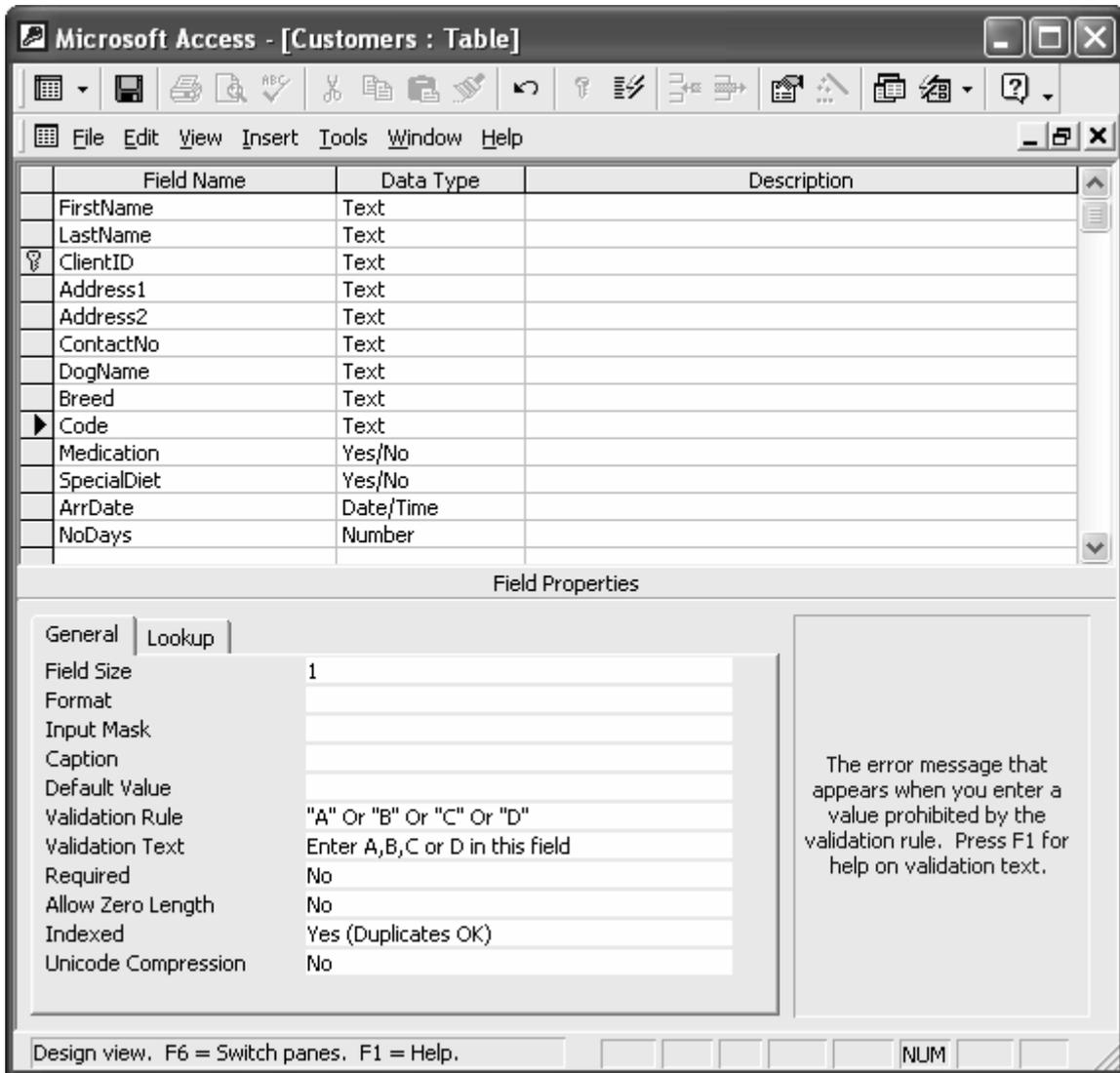
| | E | F |
|----|--|--------------------------|
| 4 | Daily Cost | Discount |
| 5 | =VLOOKUP(B5,\$F\$16:\$G\$19,2,FALSE) | =IF(C5="Yes",,\$B\$3,0) |
| 6 | =VLOOKUP(B6,\$F\$16:\$G\$19,2, FALSE) | =IF(C6="Yes",,\$B\$3,0) |
| 7 | =VLOOKUP(B7,\$F\$16:\$G\$19,2, FALSE) | =IF(C7="Yes",,\$B\$3,0) |
| 8 | =VLOOKUP(B8,\$F\$16:\$G\$19,2, 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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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 |

