

**MARK SCHEME for the May/June 2011 question paper  
for the guidance of teachers**

**0417 INFORMATION AND COMMUNICATION  
TECHNOLOGY**

**0417/32**

Paper 3 (Practical Test B), maximum raw mark 80

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, which would have considered the acceptability of alternative answers.

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

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

Cambridge is publishing the mark schemes for the May/June 2011 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

Page 2	Mark Scheme: Teachers' version	Syllabus
	IGCSE – May/June 2011	0417

Candidate name      Centre number      Candidate number

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<HTML>
<HEAD>
  <TITLE>London 2012 Olympics - Records page 1</TITLE>
  <link rel="stylesheet" type="text/css" href="2012.css">
</HEAD>
<BODY>
<a name="TOP"></a>
<TABLE width="95%" cellpadding="3px" cellspacing="5px">
  <TR align="center" valign="middle">
    <TD rowspan="2"> </TD>
    <TD colspan="2"> <h3>Edited by A Candidate, XX999, 9999</h3></TD>
    <TD rowspan="2"> </TD>
  </TR>
  <TR align="center" valign="middle">
    <TD colspan="2"> </TD>
  </TR>
  <TR align="center" valign="middle">
    <TD>
      
    </TD>
    <TD>
      
    </TD>
    <TD>
      
    </TD>
    <TD>
      
    </TD>
  </TR>
  <TR>
    <TD colspan="4"> <h1>Men's Olympic records</h1></TD>
  </TR>
  <TR>
    <TD>
      <h2>Record Holder</h2>
    </TD>
    <TD>
      <h3>Bob Beamon</h3>
    </TD>
    <TD>
      <h3>Usain Bolt</h3>
    </TD>
    <TD>
      <h3>Andreas Thorkildsen</h3>
    </TD>
  </TR>
  <TR>
    <TD colspan="4"> <h1>Contact us for great ticket deals. Watch the next generation of amazing athletes try to shatter these records! </h1></TD>
  </TR>
  <TR>
    <TD colspan="4"> <h4><a href="#TOP">Click Here</a> to return to the top of the page.</h4></TD>
  </TR>
</TABLE>
</BODY>
</HTML>

```

Stylesheet 2012.css attached 1 mark

Anchor TOP 1 mark

Table Width 95% 1 mark  
 Cellspacing = "5px" 1 mark  
 Cellpadding = "3px" 1 mark

Image Width = "160px" 1 mark  
 Filename will differ

Image Renamed to J1BANNER1.JPG 1 mark  
 Width = "360px" 1 mark

Top 3 rows Align="center" 1 mark  
 Valign="middle" 1 mark

Hyperlink Click Here 1 mark  
 Returns to Top 1 mark

Candidate name      Centre number      Candidate number

Image      J1-2012.PNG in top left cell      1 mark

Top centre cell      Edited by & name & No's      1 mark

J1Banner1.JPG      Row 2 cell 2      1 mark  
 Crop to remove sponsor      1 mark

Rings      Top right      1 mark  
 with aspect ratio      1 mark

Track and Field

Olympic Records - there for making?

Men's Olympic records

Record Holder

Bob Beamon

Usain Bolt

Andreas Thorkildsen

Contact us for great ticket deals  
 amazing athletes try for

Watch the next generation of  
 athletes after them

Javelin      4<sup>th</sup> cell      1 mark

Sprinter      3<sup>rd</sup> cell      1 mark  
 Colour removed      1 mark

Long jump      2nd cell      1 mark

Shot putt      row 3 left cell (row 3)      1 mark

- Table structure      7 rows and 4 columns      1 mark
- Merge rows 1 and 2 in column 1      1 mark
- Merge rows 1 and 2 in column 4      1 mark
- Merge columns 2 and 3 in row 1      1 mark
- Merge columns 2 and 3 in row 2      1 mark
- Merge all cells in row 4      1 mark
- Merge all cells in rows 6 and 7      1 mark

Row 5    Text 100% correct    1 mark  
Style h2                            1 mark

Row 4    Text 100% correct    1 mark  
Style h1                            1 mark

Beamon    Searched    1 mark  
Cell 2 in style h3    1 mark

Bolt    Searched    1 mark  
Cell 3 in style h3    1 mark

Thorkildson    Searched    1 mark  
Cell 4 in style h3    1 mark

Row 6      Text 100% correct      1 mark  
                 Style h1                              1 mark

The advertisement is set against a background of the Union Jack. At the top left is the London 2012 logo. A black banner with yellow text reads "Records - there for the taking?". Below this are three illustrations of athletes: a high jumper, a sprinter (Usain Bolt), and a pole vaulter (Andreas Thorkildsen). The text "Men's Olympic records" is centered below the illustrations. A table lists the record holders: Bob Beamon, Usain Bolt, and Andreas Thorkildsen. At the bottom, there is a call to action: "Contact us for great ticket deals. Watch the next generation of amazing athletes try to shatter these records!" and a link: "Click Here to return to the top of the page."

Record Holder	Bob Beamon	Usain Bolt	Andreas Thorkildsen
---------------	------------	------------	---------------------

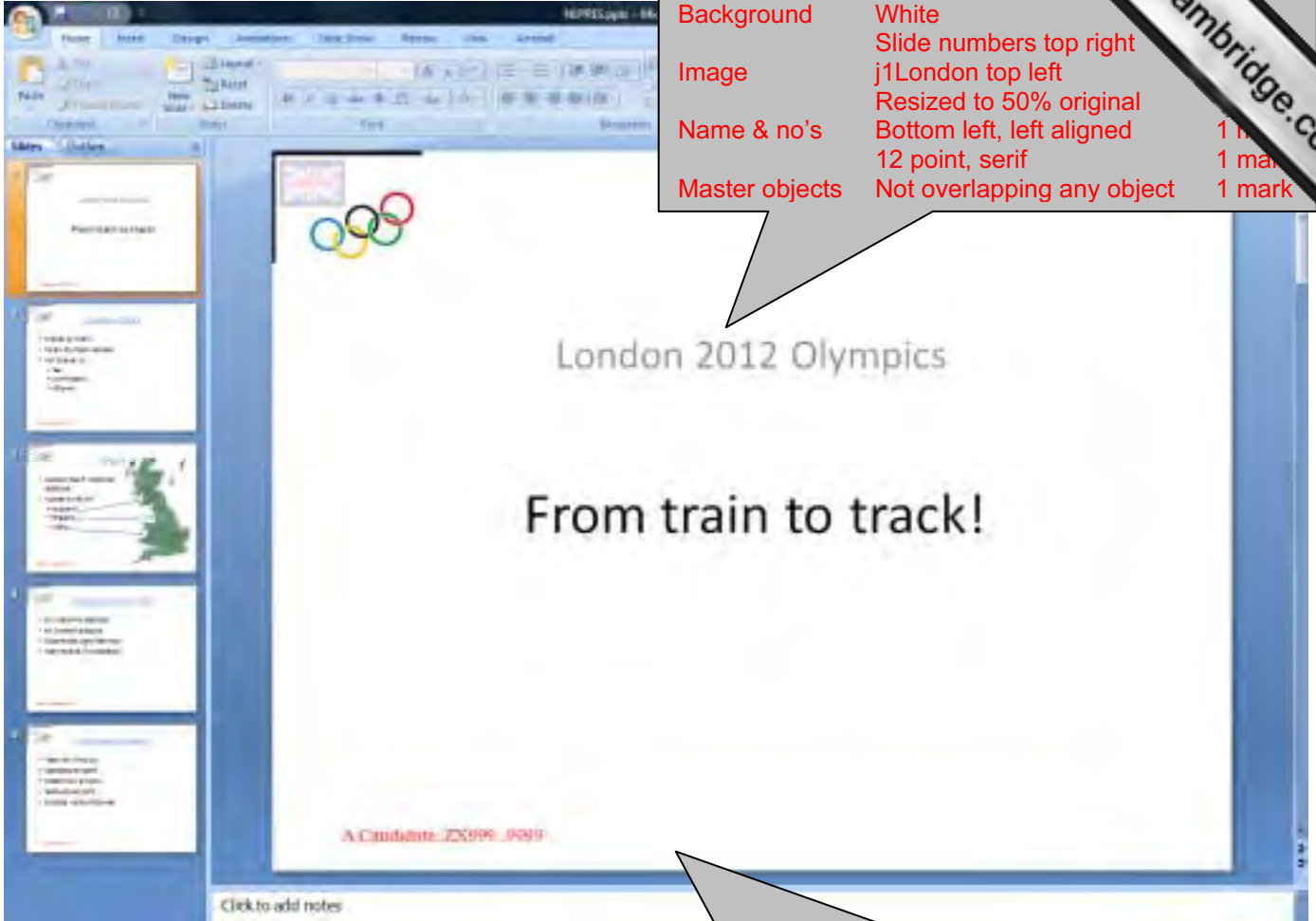
Contact us for great ticket deals. Watch the next generation of amazing athletes try to shatter these records!

[Click Here](#) to return to the top of the page.

Row 7      Text 100% correct      1 mark  
                 Style h4                              1 mark

Page 6	Mark Scheme: Teachers' version	Syllabus
	IGCSE – May/June 2011	0417

Candidate name Centre n



Master slide	White	
Background	Slide numbers top right	
Image	j1London top left	
Name & no's	Resized to 50% original	1 mark
	Bottom left, left aligned	1 mark
	12 point, serif	1 mark
Master objects	Not overlapping any object	1 mark

London 2012 Olympics

From train to track!

A Candidate: ZX996\_9999

Click to add notes

New slide		
New slide	Before slide 1	1 mark
Subtitle	100% correct	1 mark
Title	100% correct	1 mark
	Below subtitle	1 mark



The image shows a screenshot of a Microsoft PowerPoint presentation. The slide is titled "London 2012" and features the Olympic rings logo. The main content is a bulleted list of points. At the bottom of the slide, there is a red text box containing the candidate's name and ID number. The presentation is displayed in a window titled "NPP11.pptx - Microsoft PowerPoint".

 *London 2012*

- travel by train
- to all Olympic venues
- rail travel is:
  - fast
  - comfortable
  - efficient

A Candidate, ZN996 9999

Click to add notes

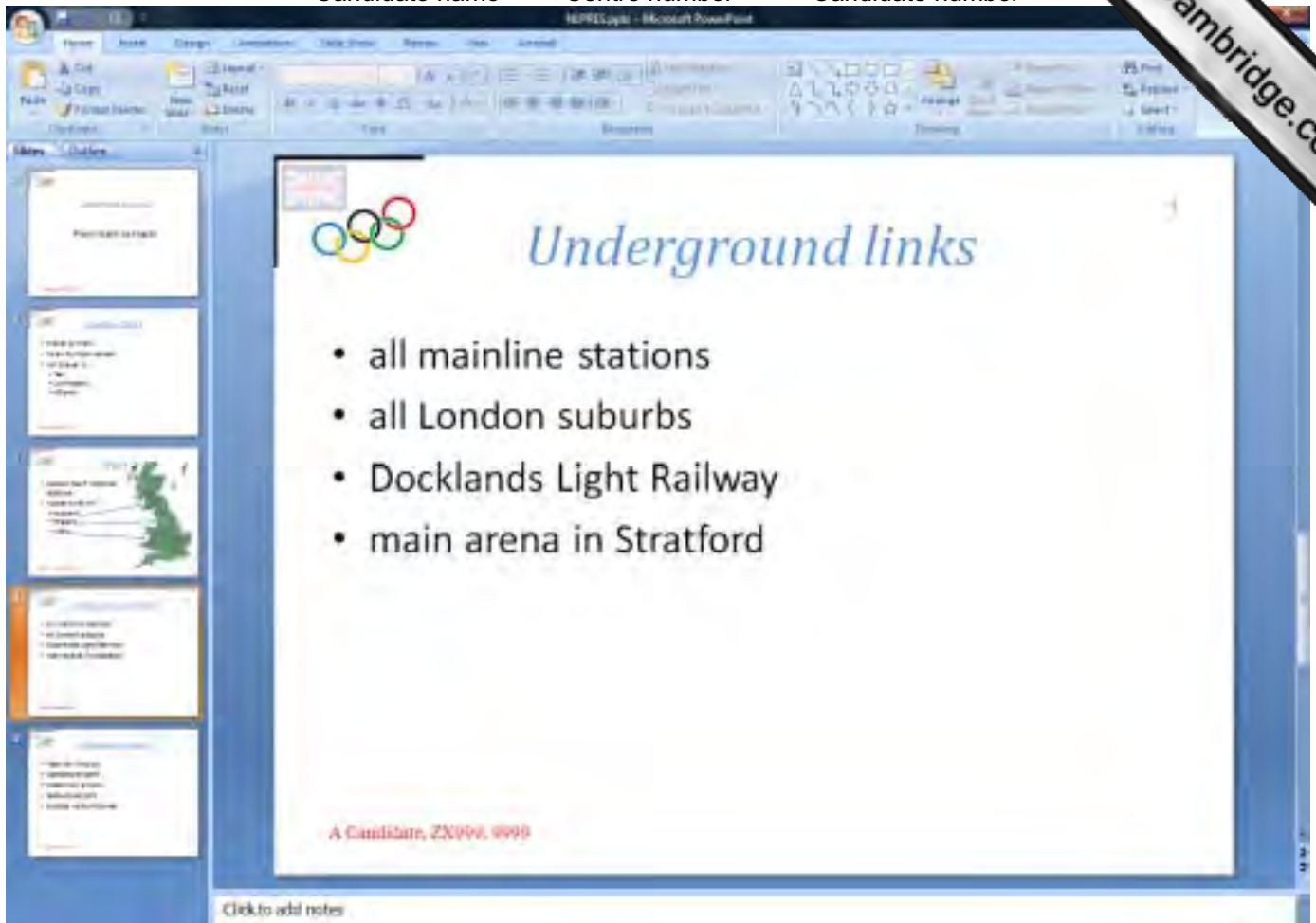




Candidate name

Centre number

Candidate number



The image shows a screenshot of a Microsoft PowerPoint presentation. The slide is titled "Underground links" and features the Olympic rings logo in the top left corner. The slide content includes a bulleted list of four items: "all mainline stations", "all London suburbs", "Docklands Light Railway", and "main arena in Stratford". At the bottom of the slide, there is a red text box that reads "A Candidate, ZN996, 9999". The PowerPoint interface is visible, including the ribbon at the top and a sidebar on the left showing a list of slides.

**Underground links**

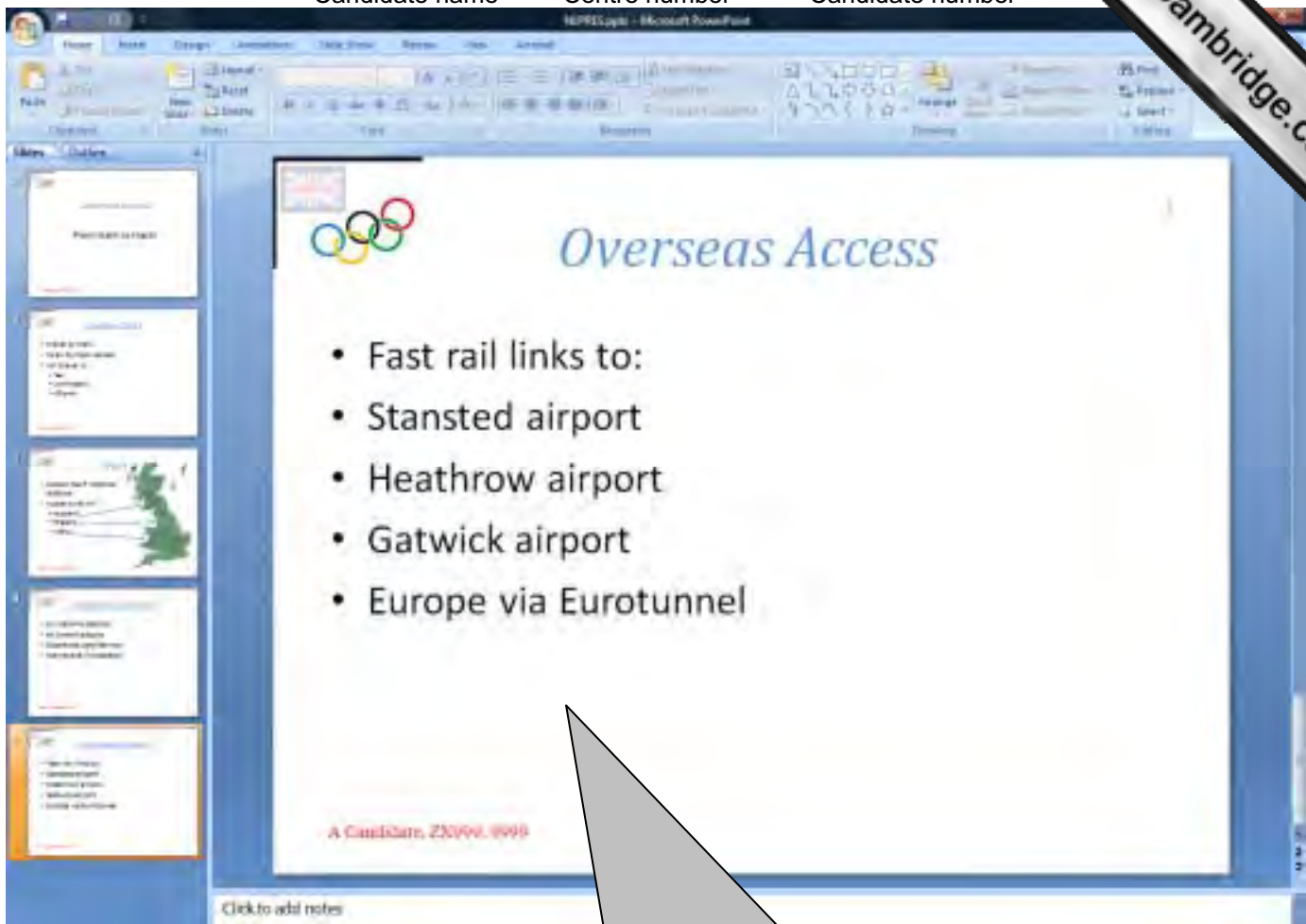
- all mainline stations
- all London suburbs
- Docklands Light Railway
- main arena in Stratford

A Candidate, ZN996, 9999

Click to add notes

Page 10	Mark Scheme: Teachers' version	Syllabus
	IGCSE – May/June 2011	0417

Candidate name      Centre number      Candidate number



Printed      One slide per page – slide only      1 mark

```

h1      { color: #000040; font-family: "Arial", sans-serif; font-size: 16pt; font-style: italic; text-align: center }
h2      { color: #000040; font-family: "Arial", sans-serif; font-size: 14pt; font-style: italic; text-align: center }
h3      { color: #FF0000; font-family: "Arial", sans-serif; font-size: 12pt; font-style: italic; text-align: left }
h4      { color: #000040; font-family: font-family: "Arial", sans-serif; font-size: 12pt; font-style: italic; text-align: center }
h5      { color: #000022; font-family: "Arial", sans-serif; font-size: 11pt; font-style: italic; text-align: right }
li      { color: #000080; font-family: "Arial", sans-serif; font-size: 10pt; font-style: italic; text-align: left; list-style-type: disc }
p       { color: #000000; font-family: font-family: "Arial", sans-serif; font-size: 10pt; text-align: left }
body    { background-image: url("j1flag.png"); background-color: #FFFFFF }
table   { border-collapse: collapse; border: 0px solid #000000 }
td      { border: 0px solid #000000; padding: 0.1em, spacing 0.1em }

```

Background image set to J1FLAG.PNG      1 mark

Candidate name      Centre number      Candidate number

The screenshot shows an Excel spreadsheet with a table of data in columns A and B, rows 2 to 25. The data is as follows:

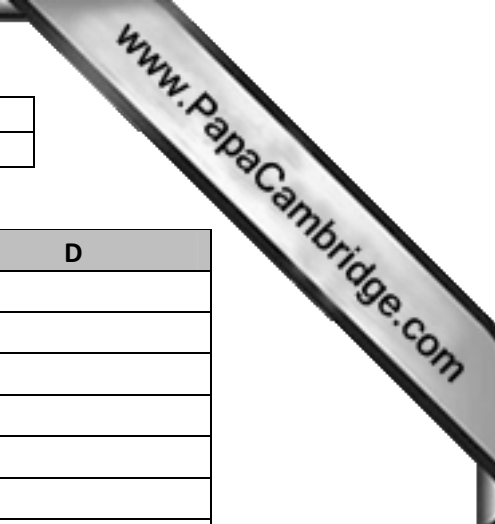
Code	Arrival terminal
B	Blackfriars
BA	Barking
BU	Bushey
CC	Charing Cross
CS	Cannon Street
E	Euston
F	Farringdon
FP	Finsbury Park
HH	Harrow-on-the-Hill
HI	Highbury and Islington
HW	Harrow and Wealdstone
K	Kensington
KC	Kings Cross
LB	London Bridge
LS	Liverpool Street
M	Marylebone
O	Old Street
P	Paddington
S	Stratford
SP	St. Pancras
V	Victoria
W	Waterloo
WC	Walthamstow Central
WH	West Hampstead

A 'New Name' dialog box is open, showing the following details:

- Name: ARR
- Scope: Workbook
- Comment: (empty)
- Refers to: =N1ARRIVE!\$A\$2:\$B\$25

Named range      ARR created from Arrive.csv A2-B25      1 mark

Candidate name      Centre number      Candidate number



Header name, & numbers 1 mark		B	C	D
1	Arrival	Code	Number	
2	=VLOOKUP(B2,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	CC	=COUNTIF(\$C\$11:\$C\$203,B2)	
3	=VLOOKUP(B3,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	E	=COUNTIF(\$C\$11:\$C\$203,B3)	
4	=VLOOKUP(B4,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	KC	=COUNTIF(\$C\$11:\$C\$203,B4)	
5	=VLOOKUP(B5,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	LS	=COUNTIF(\$C\$11:\$C\$203,B5)	
6	=VLOOKUP(B6,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	M	=COUNTIF(\$C\$11:\$C\$203,B6)	
7	=VLOOKUP(B7,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	P	=COUNTIF(\$C\$11:\$C\$203,B7)	
8	=VLOOKUP(B8,'C:\Users\Graham\Documents\ J1ARRIVE.csv'!ARR,2)	V	=COUNTIF(\$C\$11:\$C\$203,B8)	
9				
10	Arrival time	Minutes late	Arrival code	Late Y/N
11	0.3333333333333333	0	E	=IF(B11>0,"Y","N")
12	0.3333333333333333		KC	=IF(B12>0,"Y","N")
13	0.3333333333333333		LS	=IF(B13>0,"Y","N")
14	0.3333333333333333		HW	=IF(B14>0,"Y","N")
15	0.3340277777777778	-4	LS	=IF(B15>0,"Y","N")
16	0.3340277777777778	3	HW	=IF(B16>0,"Y","N")
17	0.3340277777777778	13	SP	=IF(B17>0,"Y","N")
18	0.3340277777777778	2	LS	=IF(B18>0,"Y","N")
19	0.3340277777777778	-2	BA	=IF(B19>0,"Y","N")
20	0.3340277777777778	7	LS	=IF(B20>0,"Y","N")
21	0.3340277777777778	1	S	=IF(B21>0,"Y","N")
22	0.3340277777777778			=IF(B22>0,"Y","N")
23	0.3340277777777778			=IF(B23>0,"Y","N")
24	0.3340277777777778			=IF(B24>0,"Y","N")
25	0.3340277777777778	3	SP	=IF(B25>0,"Y","N")

Arrival      Lookup used      1 mark  
 Correct relative reference      1 mark  
 Correct range - named ARR      1 mark  
 Correct return column      1 mark

IF      Returns Y if greater than 0      1 mark  
 Returns N if less than or equal to zero      1 mark

Replication      All 3 formulae      1 mark  
 Formulae, data & labels      Fully visible, single page wide, area = A1-D25      1 mark