

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
International General Certificate of Secondary Education

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	Paper
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Candidate name

Centre number

Candidate number

<HTML>

<HEAD>

<TITLE>London 2012 Olympics - Records page 1</TITLE>

<link rel="stylesheet" type="text/css" href="2012.css">

Stylesheet 2012.css attached 1 mark

</HEAD>

<BODY>

Anchor TOP 1 mark

<TABLE width="95%" cellpadding="3px" cellspacing="5px">

<TR align="center" valign="middle">

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

<TD rowspan = "2"> </TD>

<TD colspan = "2"> <h3>Edited by A Candidate, XX999, 9999</h3></TD>

<TD rowspan = "2"> </TD>

</TR>

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

<TR align="center" valign="middle">

<TD colspan = "2"> </TD>

</TR>

<TR align="center" valign="middle">

<TD>

</TD>

<TD>

</TD>

<TD>

</TD>

<TD>

</TD>

</TR>

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

<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>Click Here to return to the top of the page.</h4></TD>

</TR>

</TABLE>

</BODY>

</HTML>

Hyperlink Click Here 1 mark
Returns to Top 1 mark

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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 with aspect ratio 1 mark

Track and Field

Men's Olympic records

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

Contact us for great ticket deals! Watch the new generation of athletes try to better these records!

Here

Sprinter 3rd cell 1 mark
Colour removed 1 mark

Javelin 4th cell 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

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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

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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 right is the Olympic rings logo. Below it, a black banner with yellow text reads "Records - there for the taking?". Three cartoon illustrations of athletes are shown: a runner, a sprinter with bib number 2163, and a pole vaulter with bib number 42. Below the illustrations, the text "Men's Olympic records" is displayed. A table lists record holders: "Record Holder" (bold), "Bob Beamon", "Usain Bolt", and "Andreas Thorkildsen". At the bottom, a call to action says "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." is provided.

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

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Candidate name Centre n

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

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

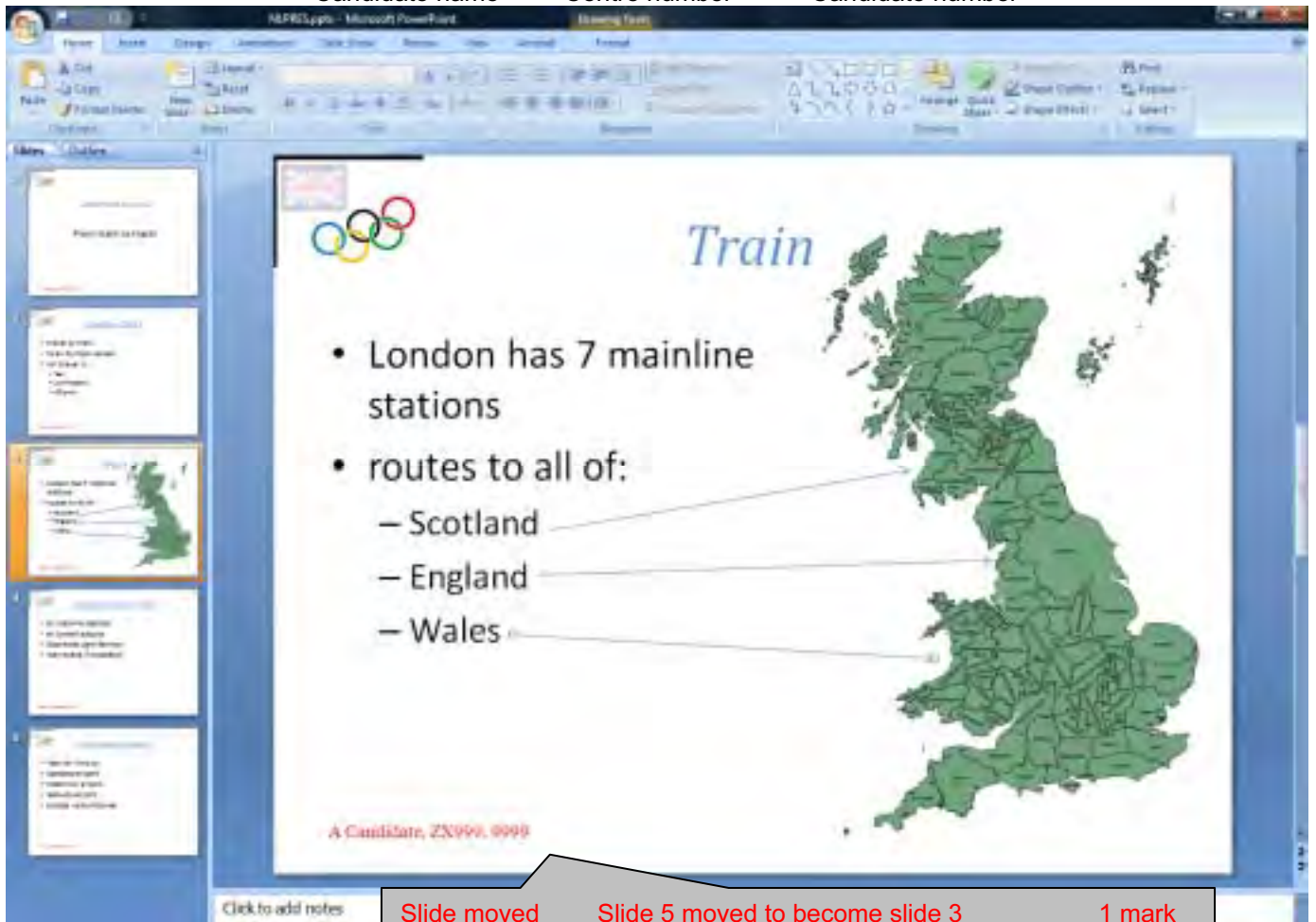
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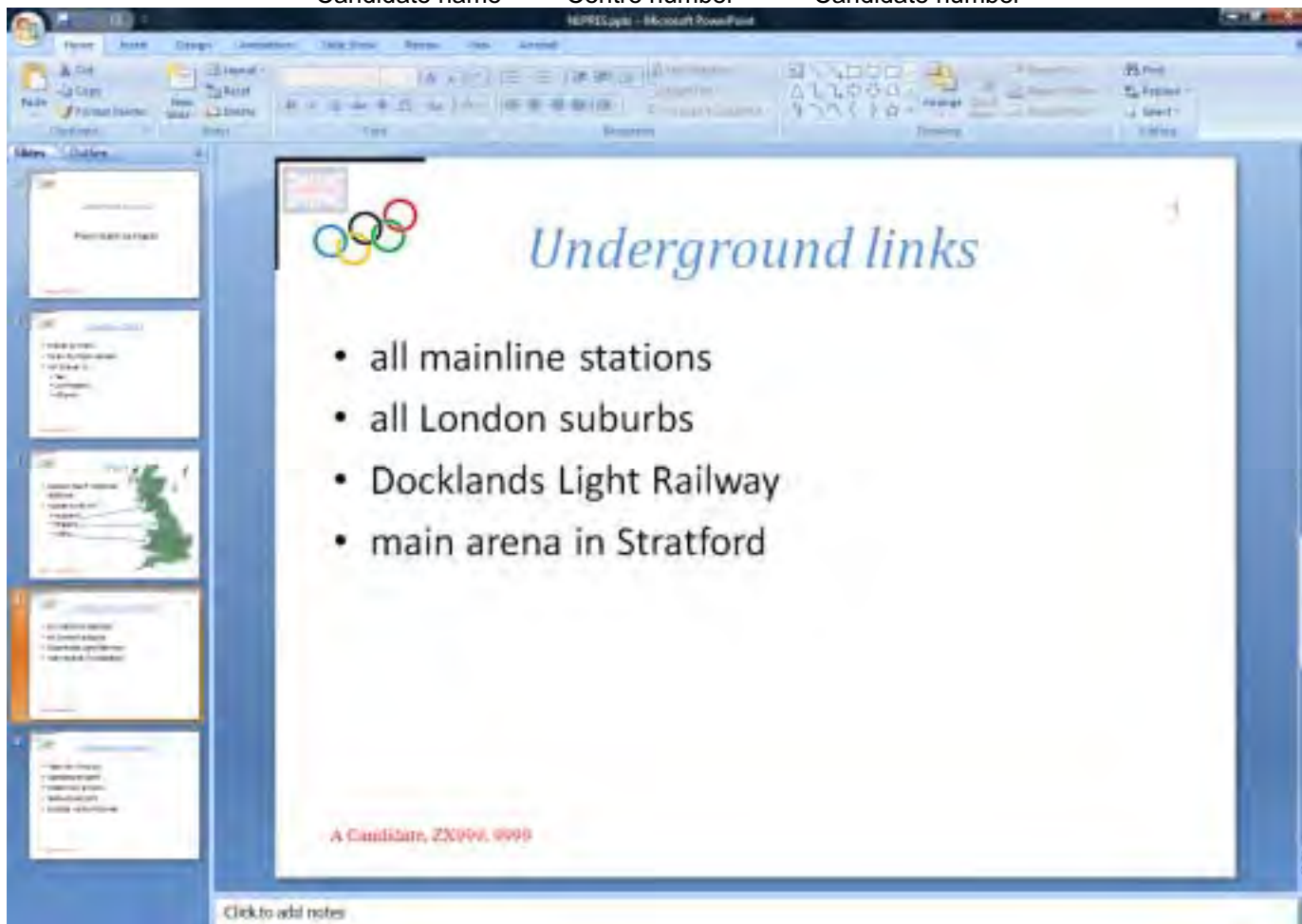
Candidate name Centre number Candidate number



Slide moved	Slide 5 moved to become slide 3	1 mark
Slide 3	Countries split as 3 bullets	1 mark
	Formatted as slide 2	1 mark
	'and' and punctuation removed	1 mark
	Correct image - searched	1 mark
	Edited / cropped to remove other countries	1 mark
	Placed on right of slide	1 mark
	More than 50% of height & aspect ratio	1 mark
	Arrow – Correct each country	1 mark

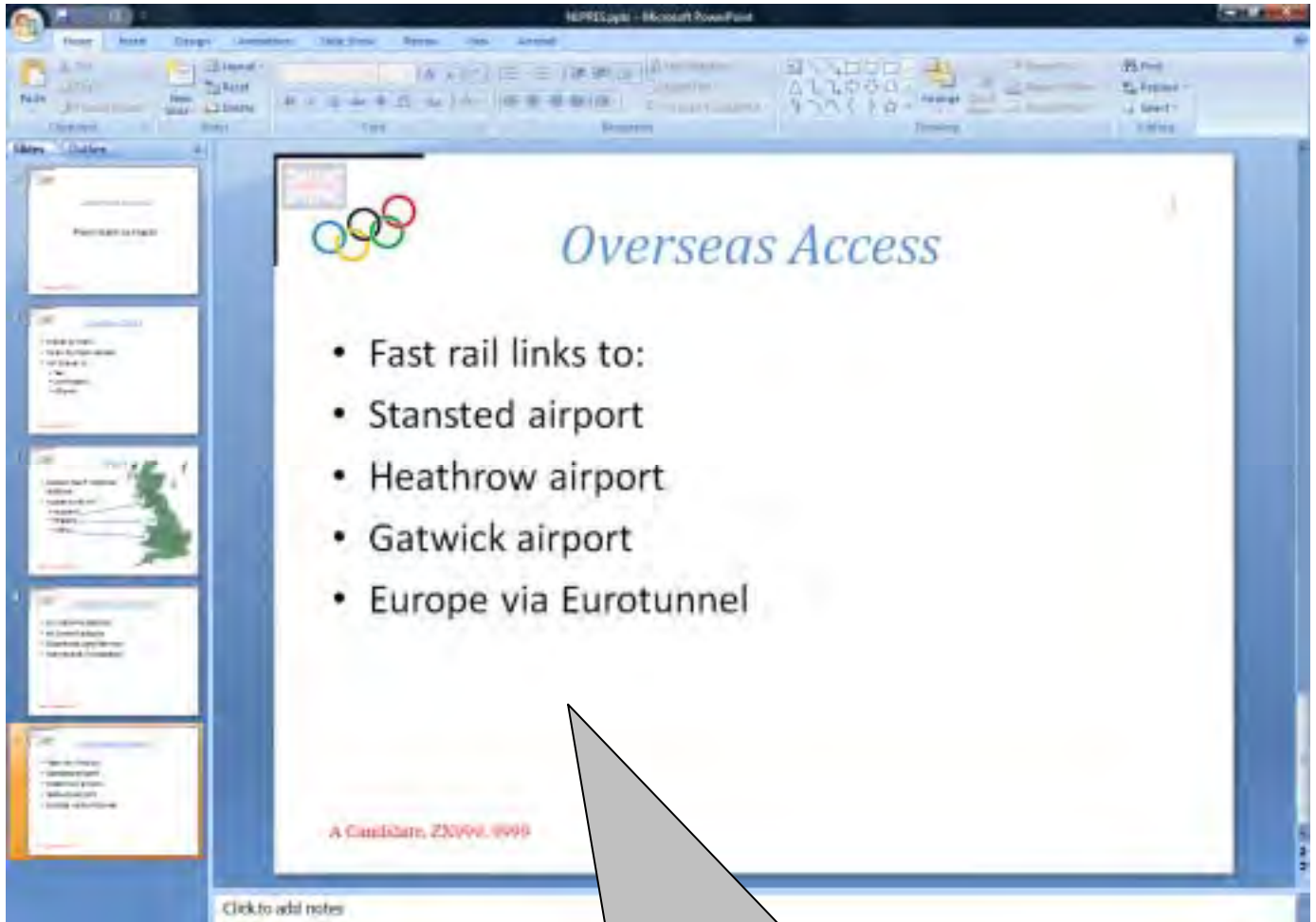
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Printed

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

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The screenshot shows an Excel spreadsheet with a table of data in columns A and B, rows 1 to 25. The data is as follows:

	A	B
1	Code	Arrival terminal
2	B	Blackfriars
3	BA	Barking
4	BU	Bushey
5	CC	Charing Cross
6	CS	Cannon Street
7	E	Euston
8	F	Farringdon
9	FP	Finsbury Park
10	HH	Harrow-on-the-Hill
11	HI	Highbury and Islington
12	HW	Harrow and Wealdstone
13	K	Kensington
14	KC	Kings Cross
15	LB	London Bridge
16	LS	Liverpool Street
17	M	Marylebone
18	O	Old Street
19	P	Paddington
20	S	Stratford
21	SP	St. Pancras
22	V	Victoria
23	W	Waterloo
24	WC	Walthamstow Central
25	WH	West Hampstead

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

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

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

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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