

**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.

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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">
</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 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 amazing athletes try to better these records!

Here

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

Javelin 4<sup>th</sup> 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

Candidate name      Centre number      Candidate number

The screenshot shows a website with a Union Jack background. At the top right is the Olympic rings logo. Below it is a table titled 'Men's Olympic records' with three columns for record holders: Bob Beamon, Usain Bolt, and Andreas Thorkildsen. The table includes a 'Record Holder' column and names in red. Below the table is a search bar and a 'Click here to search' button. Several grey callout boxes with red text provide feedback on the student's search results and formatting.

**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

London 2012

Records - there for the taking?

Track and Field

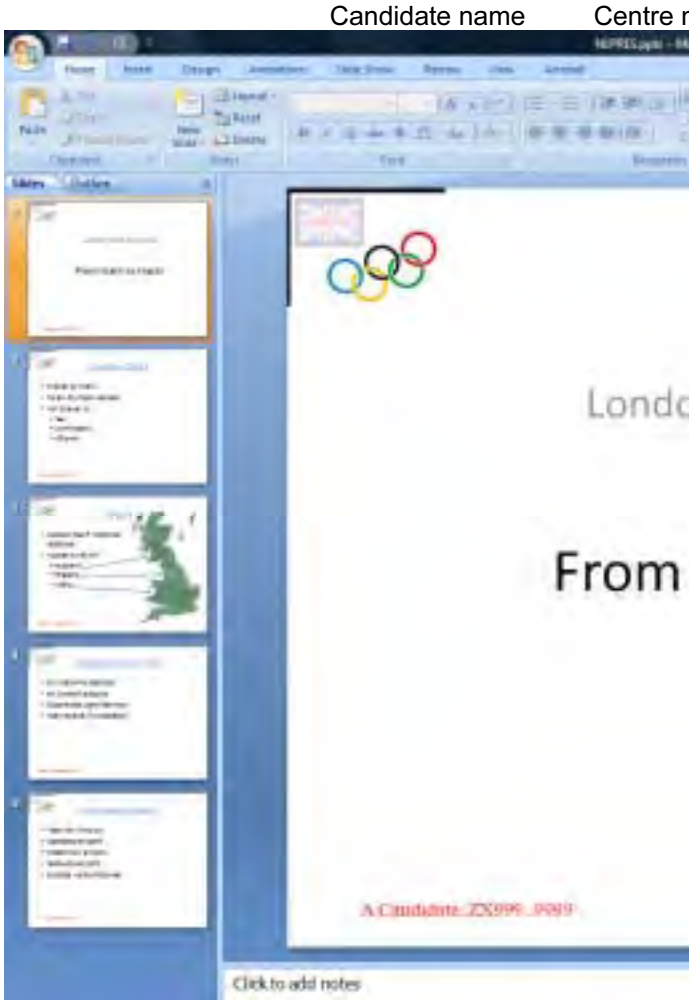
Men's Olympic records

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



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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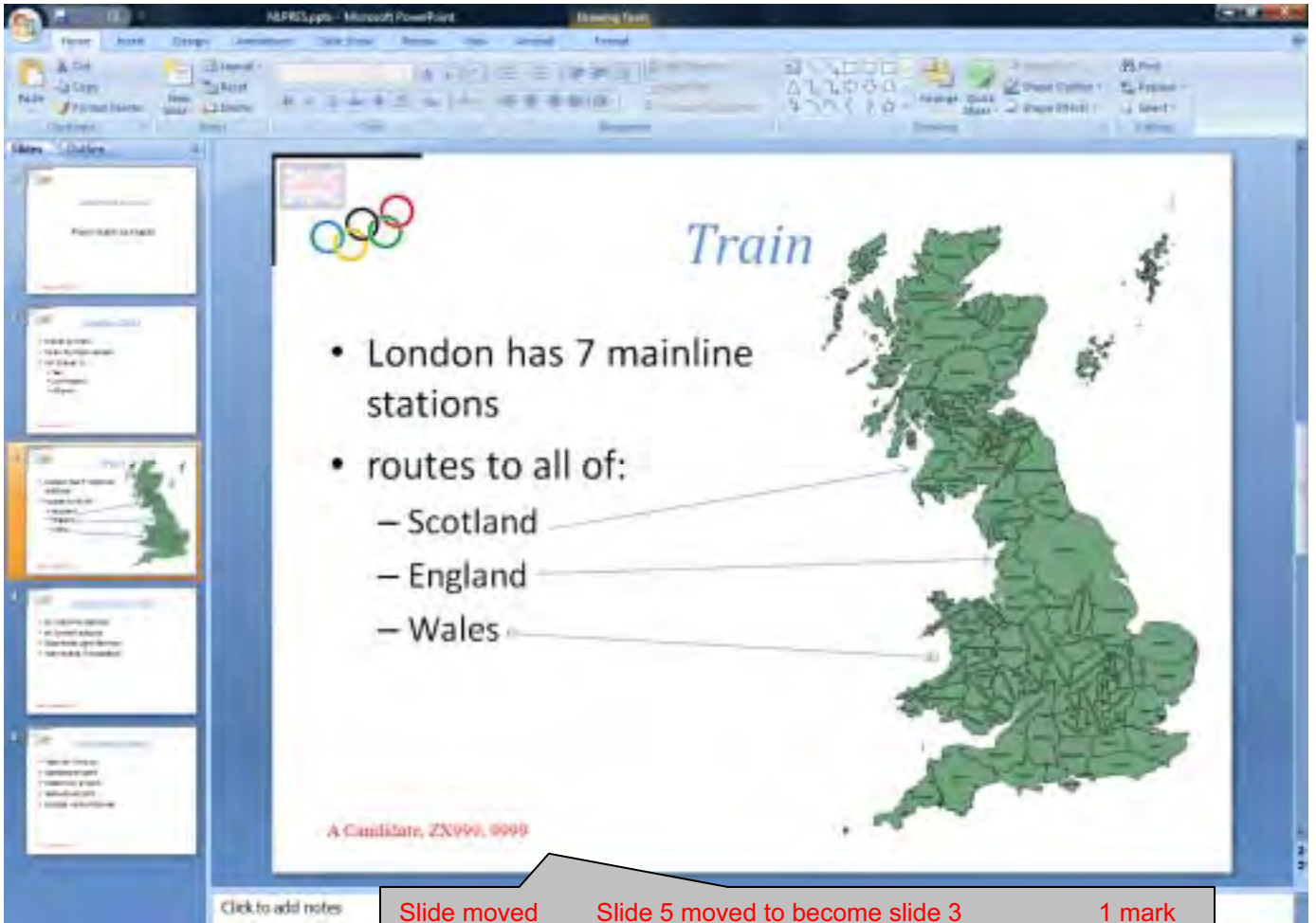
Candidate name      Centre number      Candidate number

The image shows a screenshot of a Microsoft PowerPoint presentation. The slide is titled "London 2012" and features the Olympic rings logo in the top left corner. The main content of the slide is a bulleted list:

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

At the bottom of the slide, there is a red watermark that reads "A Candidate, ZN996, 9999". The slide is displayed within a PowerPoint window with a blue sidebar on the left showing a list of slides. The top of the window shows the Microsoft PowerPoint ribbon with various tabs like Home, Insert, Design, etc.

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



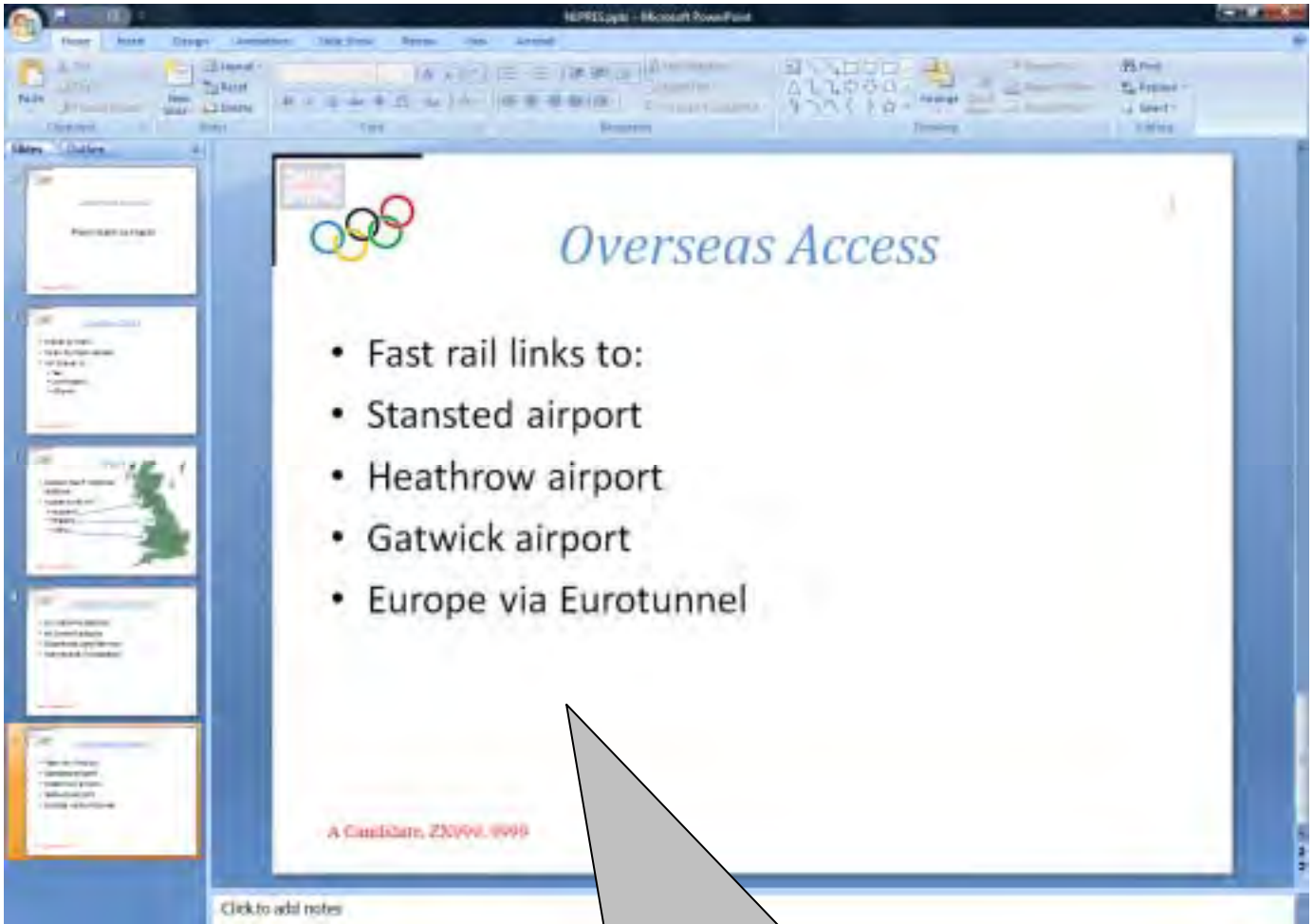
<b>Page 9</b>	<b>Mark Scheme: Teachers' version</b>	<b>Syllabus</b>	<b>Paper</b>
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Candidate name      Centre number      Candidate number

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 watermark that reads "A Candidate, ZX996, 9999". The PowerPoint interface is visible, including the ribbon at the top and a slide navigation pane on the left.

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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: "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: "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

	A	B	C	D	E	F	G
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					
26							

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