

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

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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>
<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

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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
1 mark

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

Long jump 2nd cell 1 mark

Sprinter 3rd cell 1 mark
Colour removed 1 mark

Javelin 4th cell 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

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

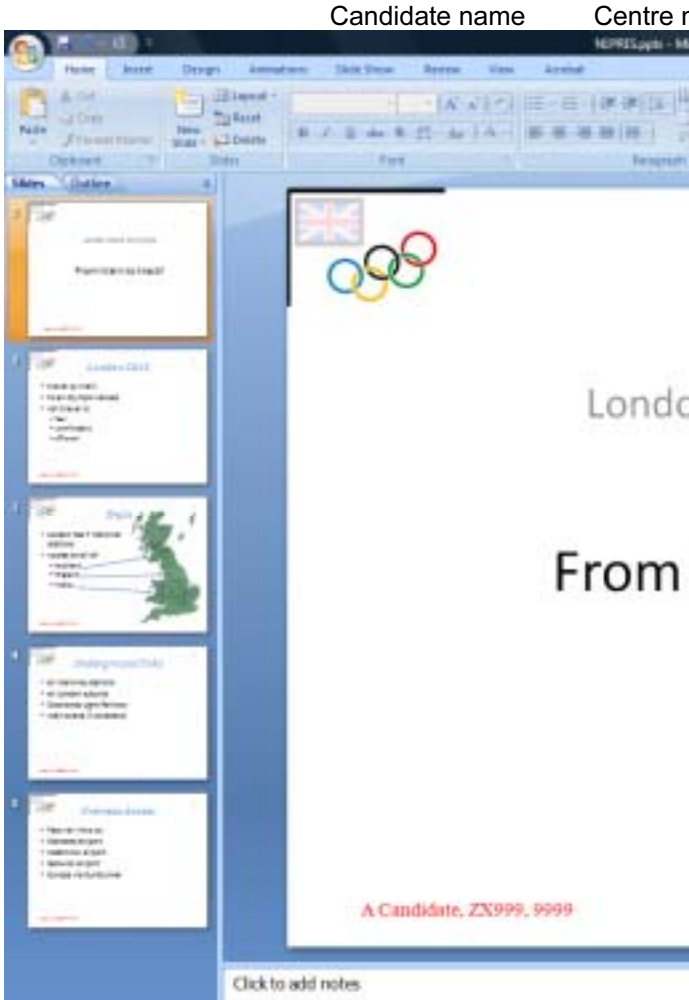
Record Holder	Bob Beamon	Usain Bolt	Andreas Thorkildsen
---------------	------------	------------	---------------------

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

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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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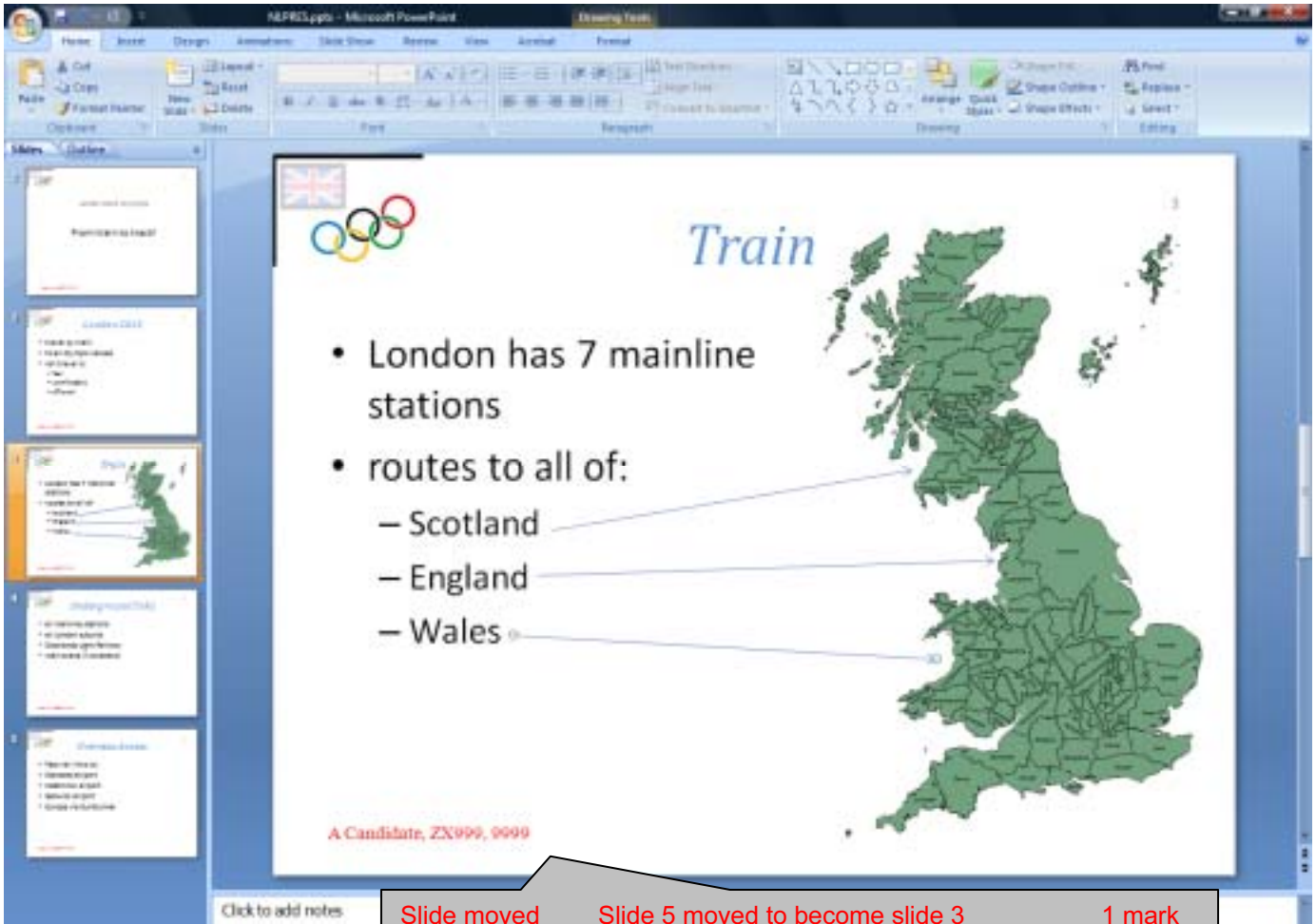
The image shows a screenshot of a Microsoft PowerPoint presentation. The slide is titled "London 2012" and features the Olympic rings logo and the Union Jack flag. The slide content includes a bulleted list of points about rail travel. At the bottom of the slide, there is a red text signature: "A Candidate, ZX999, 9999". The PowerPoint interface is visible, including the ribbon with tabs like Home, Insert, Design, and Animations, and a task pane on the left showing a slide thumbnail.

London 2012

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

A Candidate, ZX999, 9999

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 |

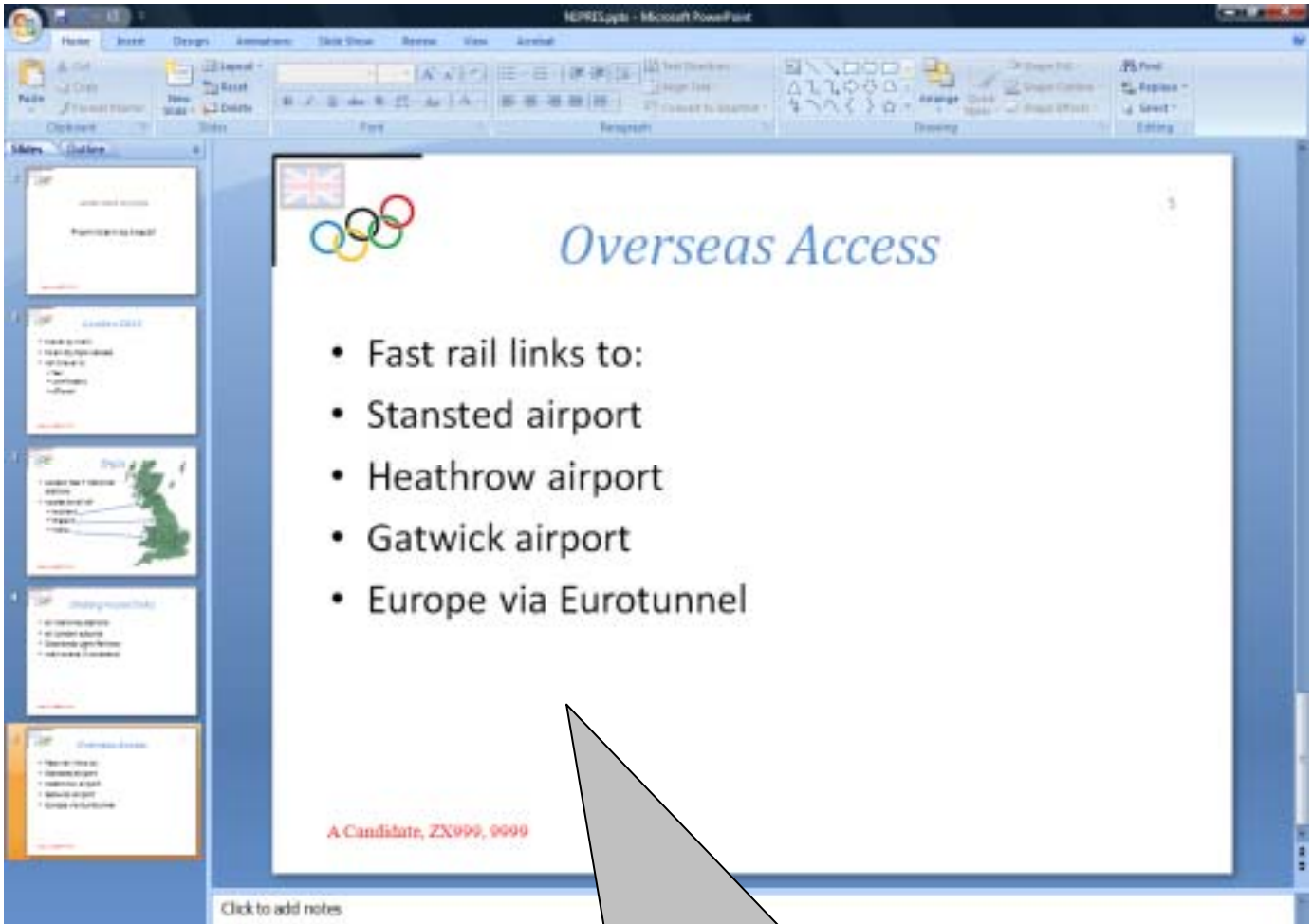
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The image shows a screenshot of a Microsoft PowerPoint presentation. The slide is titled "Underground links" and features the Olympic rings logo and a small flag of the United Kingdom in the top left corner. The slide content includes a bulleted list 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, ZX999, 9999". The PowerPoint interface is visible, showing the ribbon with tabs for Home, Insert, Design, Animations, Slide Show, Review, and View, and a task pane on the left with a slide thumbnail.

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Printed One slide per page – slide only 1 mark

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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

	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