

**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>
<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  
1 mark

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

Long jump      2nd cell      1 mark

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

Javelin      4<sup>th</sup> 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

The screenshot shows a webpage with a Union Jack background. At the top right is the Olympic rings logo. The main heading is "Olympic Records - there for making?". Below this are three illustrations of athletes: a runner, a sprinter (Usain Bolt), and a pole vaulter (Andreas Thorkildsen). Below the illustrations is a table titled "Men's Olympic records".

Record Holder	Bob Beamon	Usain Bolt	Andreas Thorkildsen
Contact us for	ticket deals	Watch the next generation of	try to better these records

At the bottom of the page, there is a navigation bar with the text "Click Here to go to the top of the page."

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?

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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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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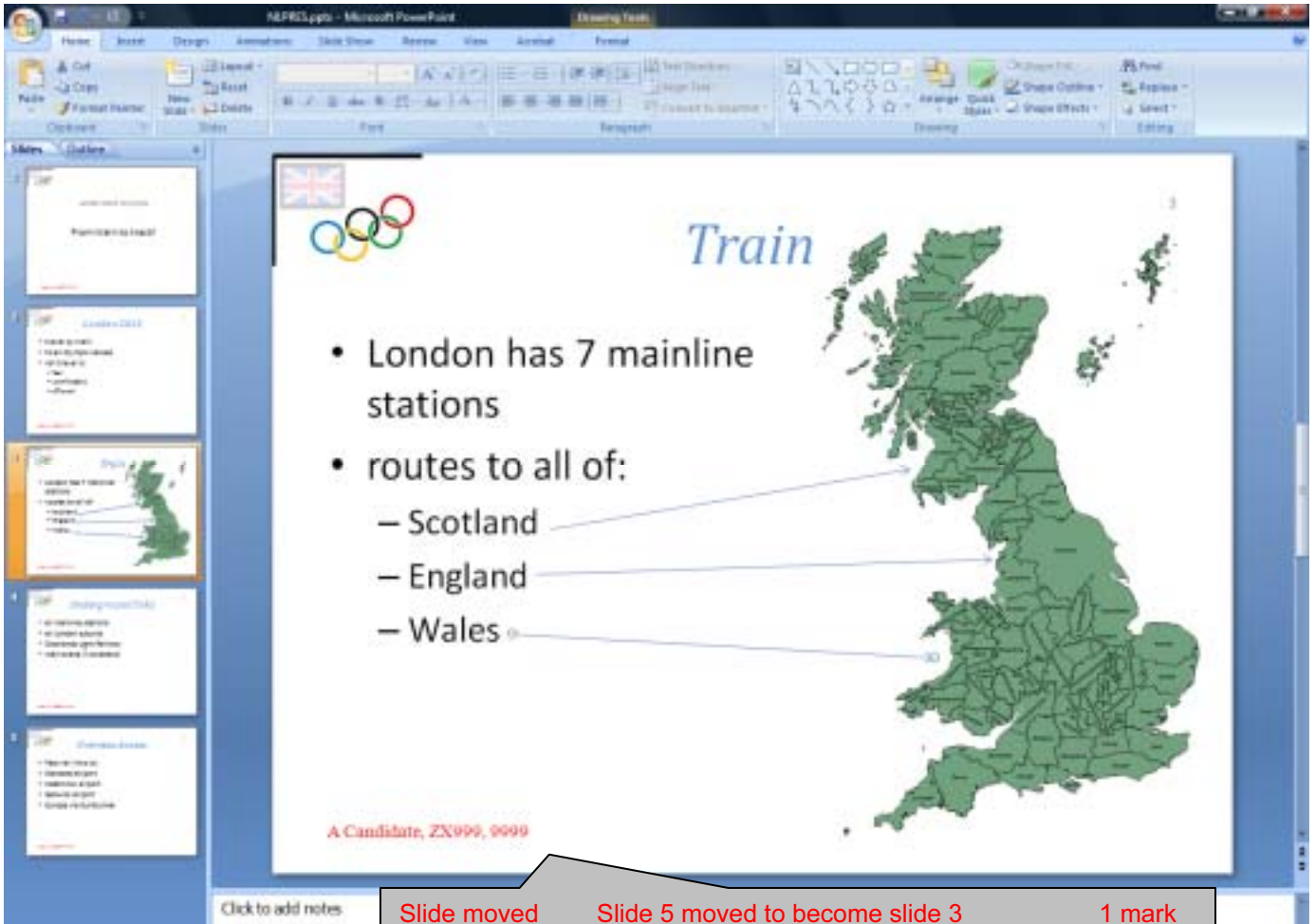
Candidate name      Centre number      Candidate number

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 is as follows:

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

At the bottom of the slide, it says "A Candidate, ZX999, 9999". The PowerPoint interface is visible, including the ribbon with tabs like Home, Insert, Design, and the slide thumbnail pane on the left.

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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Candidate name      Centre number      Candidate number

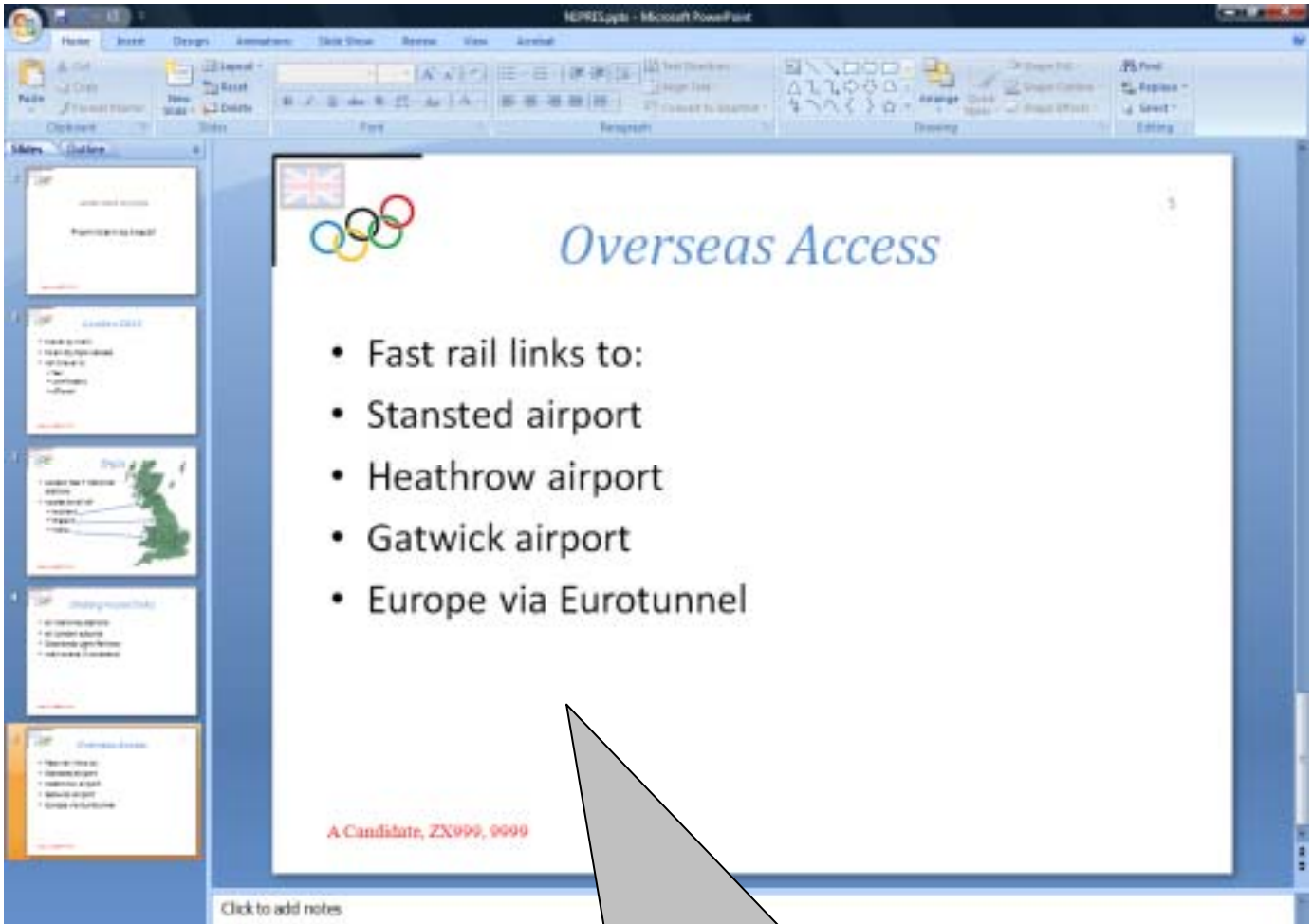
The image shows a screenshot of a Microsoft PowerPoint presentation. The title bar at the top reads 'NIP911.pptx - Microsoft PowerPoint'. The ribbon includes 'Home', 'Insert', 'Design', 'Animations', 'Slide Show', 'Review', 'View', and 'Send To Back'. The slide content is as follows:

- Title:** *Underground links*
- Icons:** A small Union Jack flag and the Olympic rings logo are positioned to the left of the title.
- Number:** The number '4' is in the top right corner of the slide.
- List:**
  - all mainline stations
  - all London suburbs
  - Docklands Light Railway
  - main arena in Stratford
- Text:** At the bottom left of the slide, it says 'A Candidate, ZX999, 9999'.

The left-hand pane shows a slide sorter with five slides. The first slide is titled 'London Underground', the second 'London in 2012', the third 'London in 1939', the fourth 'London Underground', and the fifth 'London Underground'. The fourth slide is currently selected and highlighted in orange.

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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