

**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>							
<a name="TOP"></a>	Anchor	TOP	1 mark				
<TABLE width="95%" cellpadding="3px" cellspacing="5px">	Table	Width 95%	1 mark				
<TR align="center" valign="middle">		Cellspacing = "5px"	1 mark				
<TD rowspan="2"> </TD>		Cellpadding = "3px"	1 mark				
<TD colspan="2"> <h3>Edited by A Candidate, XX999, 9999</h3></TD>							
<TD rowspan="2"> </TD>	Image	Width = "160px"	1 mark				
</TR>		Filename will differ					
<TR align="center" valign="middle">							
<TD colspan="2"> </TD>							
</TR>							
<TR align="center" valign="middle">							
<TD>	Image	Renamed to J1BANNER1.JPG	1 mark				
		Width = "360px"	1 mark				
</TD>							
<TD>							
</TD>							
<TD>	Top 3 rows	Align="center"	1 mark				
		Valign="middle"	1 mark				
</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>	Hyperlink	Click Here	1 mark				
		Returns to Top	1 mark				

Page 3	Mark Scheme: Teachers' version	Syllabus	Paper
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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 athletes try to better these records

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

Page 4	Mark Scheme: Teachers' version	Syllabus	Paper
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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 high jumper, a sprinter, and a pole vaulter. Underneath the illustrations is the text "Men's Olympic records". Below that, three names are listed: "Bob Beamon", "Usain Bolt", and "Andreas Thorkildsen". At the bottom, there is a search bar and a list of records with names like "Beamon", "Bolt", and "Thorkildson".

**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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Candidate name      Centre number      Candidate number

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

London

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

Page 6	Mark Scheme: Teachers' version	Syllabus	Paper
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Candidate name: \_\_\_\_\_ Centre no: \_\_\_\_\_

Master slide	White	
Background	Slide numbers top right	1 mark
Image	j1London top left	1 mark
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

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

Page 7	Mark Scheme: Teachers' version	Syllabus	Paper
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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, Animations, Slide Show, Review, View, and Window. The left sidebar shows a slide sorter with five slides, the second of which is the current slide.

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Candidate name      Centre number      Candidate number

Slide 5 moved to become slide 3

Countries split as 3 bullets

Formatted as slide 2

'and' and punctuation removed

Correct image - searched

Edited / cropped to remove other countries

Placed on right of slide

More than 50% of height & aspect ratio

Arrow – Correct each country

Slide moved  
Slide 3

Slide 5 moved to become slide 3

Countries split as 3 bullets

Formatted as slide 2

'and' and punctuation removed

Correct image - searched

Edited / cropped to remove other countries

Placed on right of slide

More than 50% of height & aspect ratio

Arrow – Correct each country

1 mark

1 mark

1 mark

1 mark

1 mark

1 mark

1 mark

1 mark

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 "Underground links" and features the Olympic rings logo and a small flag of the United Kingdom. The slide content includes a bulleted list of locations and a candidate ID at the bottom.

**Underground links**

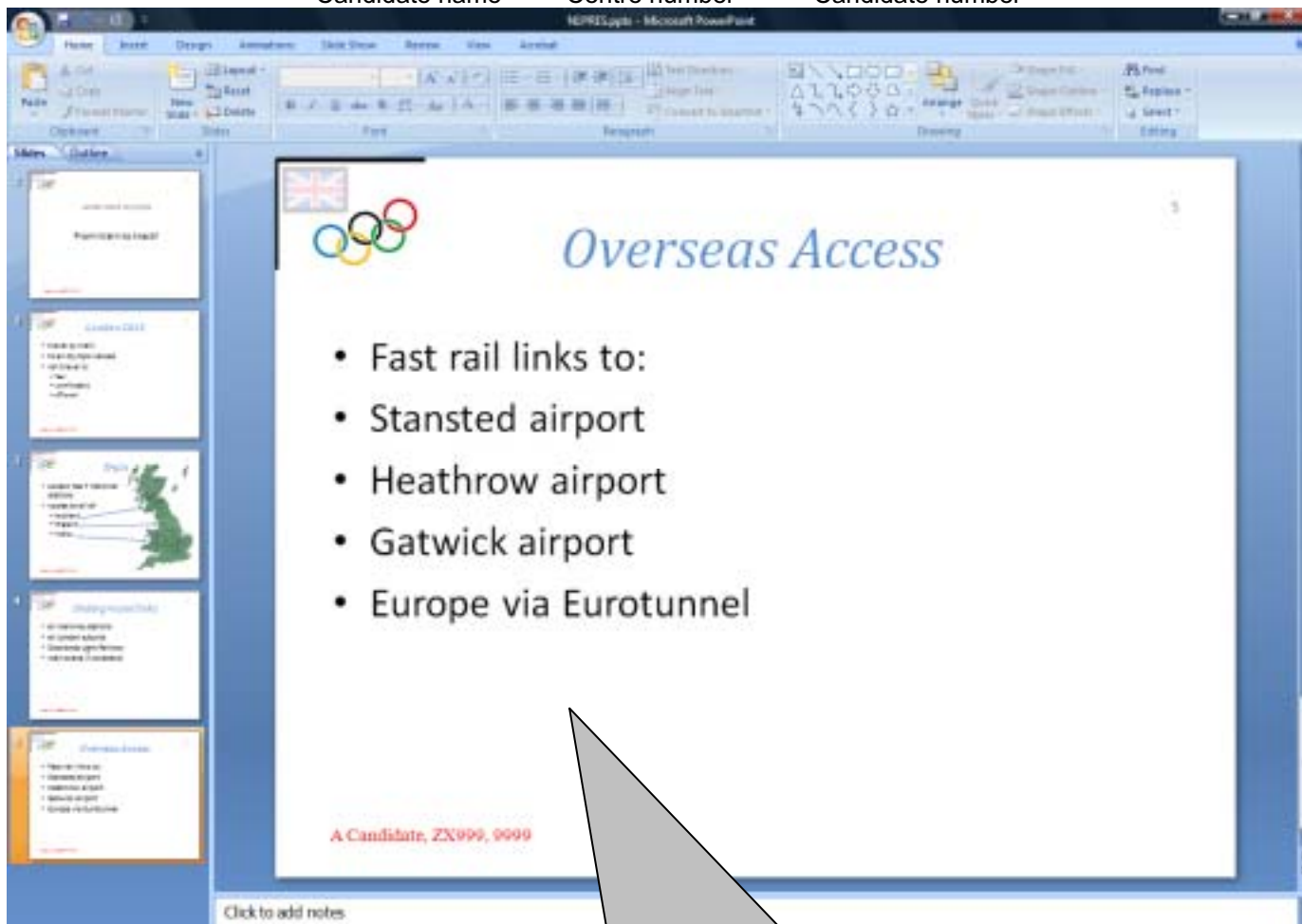
- all mainline stations
- all London suburbs
- Docklands Light Railway
- main arena in Stratford

A Candidate, ZX999, 9999

Click to add notes

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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: 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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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

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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	0	KC	=IF(B12>0,"Y","N")
13	0.3333333333333333	0	LS	=IF(B13>0,"Y","N")
14	0.3333333333333333	0	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	0	S	=IF(B22>0,"Y","N")
23	0.3340277777777778	0	S	=IF(B23>0,"Y","N")
24	0.3340277777777778	0	S	=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