MARK SCHEME for the May/June 2015 series

0417 INFORMATION AND COMMUNICATION TECHNOLOGY

0417/31   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 should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.
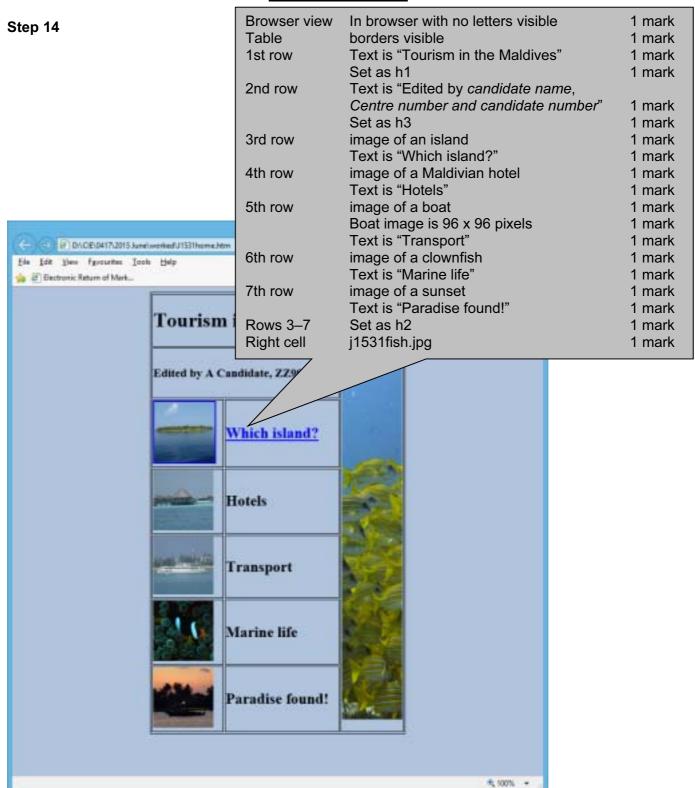
Cambridge will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the May/June 2015 series for most Cambridge IGCSE®, Cambridge International A and AS Level components and some Cambridge O Level components.

A Candidate, XX999, 9999

Evidence document

Step 14

Browser view	In browser with no letters visible	1 mark
Table	borders visible	1 mark
1st row	Text is "Tourism in the Maldives"	1 mark
	Set as h1	1 mark
2nd row	Text is "Edited by *candidate name*, *Centre number and candidate number*"	1 mark
	Set as h3	1 mark
3rd row	image of an island	1 mark
	Text is "Which island?"	1 mark
4th row	image of a Maldivian hotel	1 mark
	Text is "Hotels"	1 mark
5th row	image of a boat	1 mark
	Boat image is 96 x 96 pixels	1 mark
	Text is "Transport"	1 mark
6th row	image of a clownfish	1 mark
	Text is "Marine life"	1 mark
7th row	image of a sunset	1 mark
	Text is "Paradise found!"	1 mark
Rows 3–7	Set as h2	1 mark
Right cell	j1531fish.jpg	1 mark

D:\CIE\0417\2015.June\worked\J1531home.htm

File   Edit   View   Favourites   Tools   Help

Electronic Return of Mark...

Tourism i

Edited by A Candidate, ZZ9

Which island?

Hotels

Transport

Marine life

Paradise found!

100%

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Step 15

```
<!DOCTYPE html>
<html>
    <head>
        <link rel="stylesheet" type="text/css" href="J1531style.css">
    </head>
    <body>
        <table border="1" style="margin-left:auto; margin-right:auto;">
```

Stylesheet	J1531style.css attached	1 mark

Table			
1st row	1st <td>	400 x 80	1 mark
		colspan=3	1 mark
2nd row	1st <td>	300 x 80	1 mark
		colspan=2	1 mark
	2nd <td>	100 x 580	1 mark
		rowspan=6	1 mark
3rd row	1st <td>	100 x 100	1 mark
	2nd <td>	200 x 100	1 mark

```
            <tr style="height:80px;">
                <td colspan=3 style="width:400px;"><h1>Tourism in the
Maldives</h1>
                </td>
            </tr>
            <tr style="height:80px;">
                <td colspan=2 style="width:300px;">
                    <h3>Edited by A Candidate, ZZ999, 9999</h3>
                </td>
                <td rowspan=6 style="width:100px;">
                    <img src="j1531fish.jpg" alt="Fish image">
                </td>
            </tr>
```

Rows 4–7	Resized the same as first 2 cells in row 3	1 mark
All images	Appropriate alt text attributes	1 mark
Hyperlink	Island image	1 mark
	"Which island?" text	1 mark
	href="j1531island.htm"	1 mark
	target="_chooseisland"	1 mark

```
            <tr style="height:100px;">
                <td style="width:100px;"><a href="j1531island.htm"
target="_chooseisland">
                    <img src="j1531_2.JPG" alt="Island image"></a>
                </td>
                <td style="width:200px;"><h2>
                    <a href="j1531island.htm" target="_chooseisland">Which
island?</a></h2>
                </td>
            </tr>
            <tr style="height:100px;">
                <td style="width:100px;"><img src="j1531_4.JPG" alt="Hotel
image">
                </td>
                <td style="width:200px;"><h2>Hotels</h2>
                </td>
            </tr>
            <tr style="height:100px;">
```

A Candidate, XX999, 9999

```
        <td style="width:100px;"><img src="j1531_6.jpg" width=96
alt="Boat image">
        </td>
        <td style="width:200px;"><h2>Transport</h2>
        </td>
    </tr>
    <tr style="height:100px;">
        <td style="width:100px;"><img src="j1531_1.jpg" alt="Clown
fish image">
        </td>
        <td style="width:200px;"><h2>Marine life</h2>
        </td>
    </tr>
    <tr style="height:100px;">
        <td style="width:100px;"><img src="j1531_8.jpg" alt="Sunset
image">
        </td>
        <td style="width:200px;">
            <h2>Paradise found!</h2>
        </td>
    </tr>
</table>
</body>
</html>
```

body	j1531bg attached	1 mark
h1	color:#8B0000	1 mark
	font-family: Helvetica	1 mark
	,Arial	1 mark
	,sans-serif	1 mark
	font-style: italic	1 mark
	font-size:30px	1 mark
	text-align:center	1 mark
h2	color:#191970	1 mark
	font-family: Helvetica, Arial, sans-serif	1 mark
	font-size:20px	1 mark
	text-align:center	1 mark
h3	color:#000080	1 mark
	font-family:serif	1 mark
	font-size:16px	1 mark
	text-align:left	1 mark
table,td	No border or gridlines	1 mark
css syntax	Must have ; between properties	1 mark
comments	/* Candidate name, Centre number and candidate number */	1 mark

Step 19

mystyl9999 - Notepad

File   Edit   Format   View   Help

```
body      {background-image:url('J1531bg.JPG');}

h1        {color:#8B0000; font-family:Helvetica, Arial, sans-serif; font-style:italic;
          font-size:30px; text-align: center}

h2        {color:#191970; font-family:Helvetica, Arial, sans-serif; font-size:20px;
          text-align: center}

h3        {color:#000080; font-family:serif; font-size:16px; text-align: left}

table,td {border:0}

/* A Candidate, XX999 9999 */
```

A Candidate, XX999, 9999

Step 21

Borders	Not visible	1 mark
Gridlines	Not visible	1 mark
Styles applied correctly		1 mark

Step 22

Stylesheet	st *and candidate number*.css attached 1 mark
Attached below original stylesheet	1 mark

```
<!DOCTYPE html>
<html>
    <head>
        <link rel="stylesheet" type="text/css" href="j1531style.css">
        <link rel="stylesheet" type="text/css" href="st9999.css">
    </head>
    <body>
        <table border="1" style="margin-left:auto; margin-right:auto;">
            <tr style="height:80px;">
                <td colspan=3 style="width:400px;"><h1>Tourism in the
Maldives</h1>
```

```
          </td>
        </tr>
        <tr style="height:80px;">
            <td colspan=2 style="width:300px;">
               <h3>Edited by A Candidate, ZZ999, 9999</h3>
            </td>
            <td rowspan=6 style="width:100px;">
                <img src="j1531fish.jpg" alt="Fish image">
            </td>
        </tr>
        <tr style="height:100px;">
            <td style="width:100px;"><a href="j15island.htm"
target="_chooseisland">
               <img src="j1531_2.jpg" alt="Island image"></a>
            </td>
            <td style="width:200px;"><h2>
               <a href="j15island.htm" target="_chooseisland">Which
island?</a></h2>
            </td>
        </tr>
        <tr style="height:100px;">
            <td style="width:100px;"><img src="j1531_4.jpg" alt="Hotel
image">
            </td>
            <td style="width:200px;"><h2>Hotels</h2>
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            <td style="width:100px;"><img src="j1531_6.jpg" width=96
alt="Boat image">
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            <td style="width:200px;"><h2>Transport</h2>
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            </td>
        </tr>
      </table>
    </body>
</html>
```
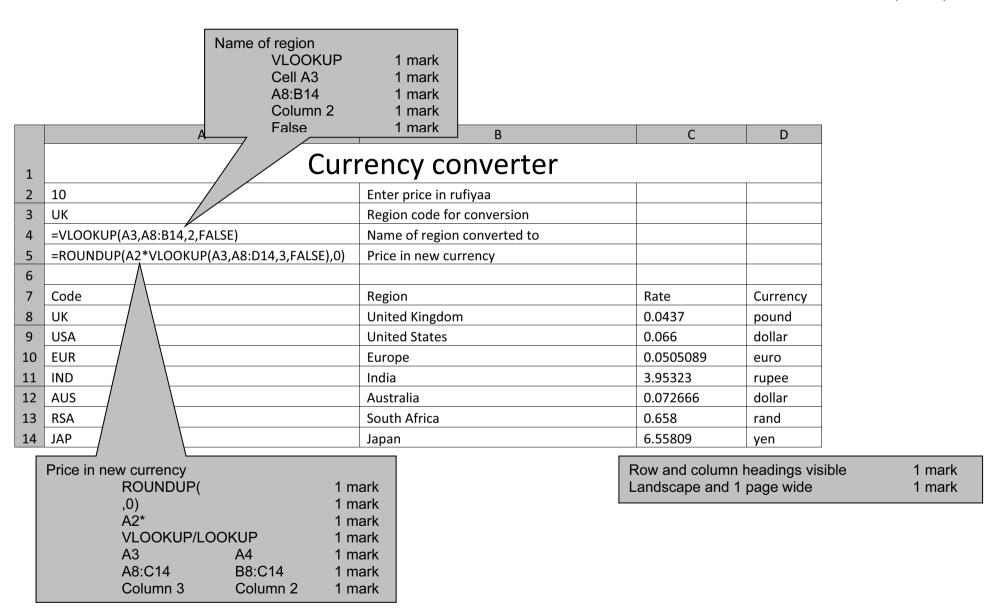
A Candidate, XX999, 9999

Name of region
VLOOKUP   1 mark
Cell A3   1 mark
A8:B14   1 mark
Column 2   1 mark
False   1 mark

	A	B	C	D
1		Currency converter		
2	10	Enter price in rufiyaa		
3	UK	Region code for conversion		
4	=VLOOKUP(A3,A8:B14,2,FALSE)	Name of region converted to		
5	=ROUNDUP(A2*VLOOKUP(A3,A8:D14,3,FALSE),0)	Price in new currency		
6				
7	Code	Region	Rate	Currency
8	UK	United Kingdom	0.0437	pound
9	USA	United States	0.066	dollar
10	EUR	Europe	0.0505089	euro
11	IND	India	3.95323	rupee
12	AUS	Australia	0.072666	dollar
13	RSA	South Africa	0.658	rand
14	JAP	Japan	6.55809	yen

Price in new currency
ROUNDUP(1 mark
,0)   1 mark
A2*   1 mark
VLOOKUP/LOOKUP   1 mark
A3   A4   1 mark
A8:C14   B8:C14   1 mark
Column 3   Column 2   1 mark

Row and column headings visible   1 mark
Landscape and 1 page wide   1 mark

A Candidate, XX999, 9999

Header	Candidate name, Centre number and candidate number & numbers right aligned	1 mark

Row 1	New row inserted	1 mark
	Text is "Currency converter"	1 mark
	Cells A1-D1 merged & centre aligned	1 mark
	24 point sans-serif	1 mark

Currency converter

10	Enter price in rufiyaa		
UK	Region code for conversion		
United			
Kingdom	Name of region converted to		
1	Price in new currency		

Portrait and fits on one page	1 mark

Code	Region	Rate	Currency
UK	United Kingdom	0.0437	pound
USA	United States	0.066	dollar
EUR	Europe	0.0505089	euro
IND	India	3.95323	rupee
AUS	Australia	0.072666	dollar
RSA	South Africa	0.658	rand
JAP	Japan	6.55809	yen

Cell A2	1500	
and Cell A3	IND	1 mark
Result	Follow through (5930 rupees)	1 mark

Currency converter

1500	Enter price in rufiyaa
IND	Region code for conversion
India	Name of region converted to
5930	Price in new currency

Code	Region	Rate	Currency
UK	United Kingdom	0.0437	pound
USA	United States	0.066	dollar
EUR	Europe	0.0505089	euro
IND	India	3.95323	rupee
AUS	Australia	0.072666	dollar
RSA	South Africa	0.658	rand
JAP	Japan	6.55809	yen