

**CAMBRIDGE INTERNATIONAL EXAMINATIONS**

Cambridge International General Certificate of Secondary Education

**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.

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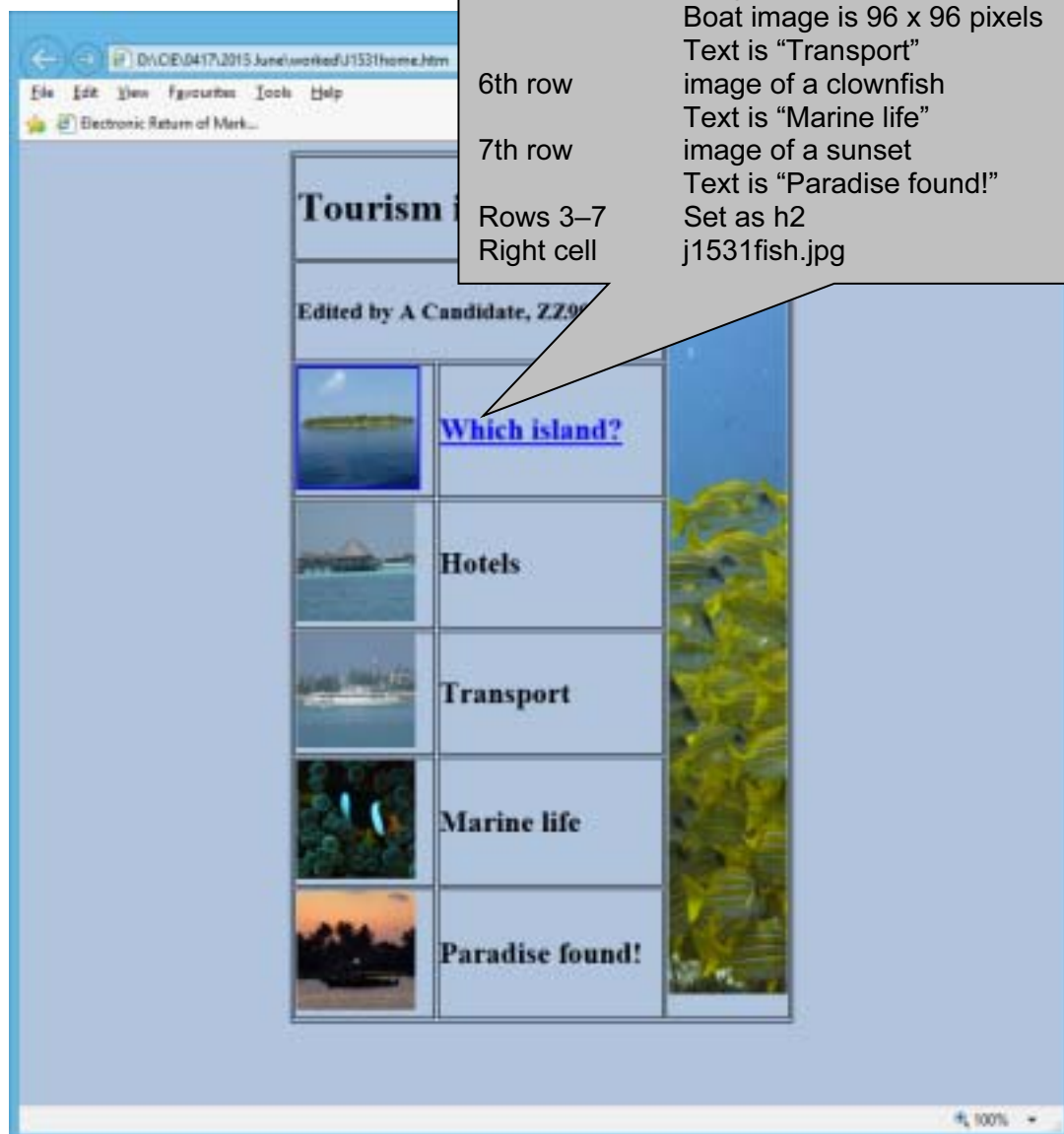
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A Candidate, XX999, 9999

**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 <i>candidate name</i> , <i>Centre number and candidate number</i> "	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



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## Step 15

Stylesheet J1531style.css attached 1 mark

```

<!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;">

```

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;">
      
    </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">
        </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;">
      </td>
      <td style="width:200px;"><h2>Hotels</h2>
      </td>
    </tr>
    <tr style="height:100px;">

```

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```

        <td style="width:100px;">
        </td>
        <td style="width:200px;"><h2>Transport</h2>
        </td>
    </tr>
    <tr style="height:100px;">
        <td style="width:100px;">
        </td>
        <td style="width:200px;"><h2>Marine life</h2>
        </td>
    </tr>
    <tr style="height:100px;">
        <td style="width:100px;">
        </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	<i>/* Candidate name, Centre number and candidate number */</i>	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 */

```

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## Step 21

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

## Step 22

```
<!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>
```

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

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```

        </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;">
            
        </td>
    </tr>
    <tr style="height:100px;">
        <td style="width:100px;"><a href="j15island.htm"
target="_chooseisland">
            </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;">
        </td>
        <td style="width:200px;"><h2>Hotels</h2>
        </td>
    </tr>
    <tr style="height:100px;">
        <td style="width:100px;">
        </td>
        <td style="width:200px;"><h2>Transport</h2>
        </td>
    </tr>
    <tr style="height:100px;">
        <td style="width:100px;">
        </td>
        <td style="width:200px;"><h2>Marine life</h2>
        </td>
    </tr>
    <tr style="height:100px;">
        <td style="width:100px;">
        </td>
        <td style="width:200px;"><h2>Paradise found!</h2>
        </td>
    </tr>
</table>
</body>
</html>

```

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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	<b>Currency converter</b>			
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



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