MARK SCHEME for the May/June 2015 series

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 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.

Page 2	**Mark Scheme**	**Syllabus**	**Paper**
	Cambridge IGCSE – May/June 2015	**0417**	**32**

A Candidate, XX999, 9999

Evidence document

Step 16

Browser view	In browser with no letters visible	1 mark
Table	borders visible	1 mark
1st row	Text is "Tawara Wildlife Conservation Trust"	1 mark
	Set as h1	1 mark
2nd row	j1532alligator.jpg on left	1 mark
	Text is "Dolphins" set as h2	1 mark
	Image of a dolphin	1 mark
3rd row	Text is "Elephants" set as h2	1 mark
	image of an elephant	1 mark
4th row	Text is "Flamingos" set as h2	1 mark
	image of flamingos	1 mark
5th row	Text is "Gorillas" set as h2	1 mark
	image of a gorilla	1 mark
	Resized to 194x124 pixels	1 mark
6th row	Text is "Edited by *candidate name*, *Centre number and candidate number*"	1 mark
	Set as h3	1 mark
7th row	Text is "Click here for top of page" set as h3	1 mark

Tawara Wildlife Conservation Trust

Dolphins

Elephants

Flamingos

Gorillas

Edited by A Candidate, ZZ999, 9999

Click here for top of page
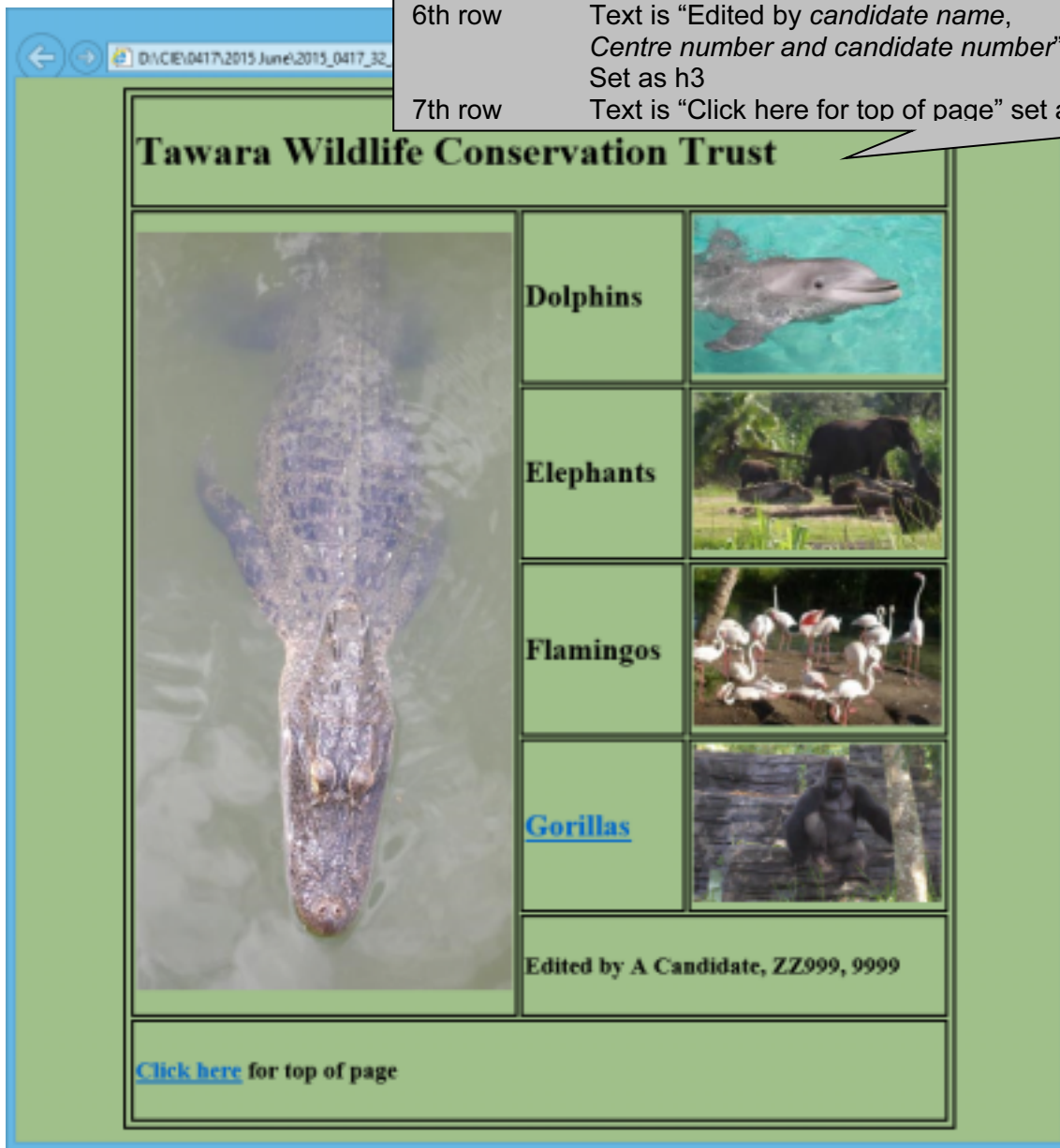
Page 3	Mark Scheme	Syllabus	Paper
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Step 17

```
<!DOCTYPE html>
<html>
    <head>
        <link rel="stylesheet" type="text/css" href="j1532style.css">
    </head>
    <body>
        <div id="top"></div>

        <table border="1" style="margin-left:auto; margin-right:auto;
width:650px;">
```

Stylesheet	j1532style.css attached	1 mark

Anchor	Placed above table	1 mark

Table			
1st row	1st `<td>`	650 x 80	1 mark
		colspan=3	1 mark
2nd row	1st `<td>`	250 x 600	1 mark
		rowspan=5	1 mark
	2nd & 3rd `<td>`	200 x 130	1 mark
Rows 3-5	Height 130		1 mark
6th row	1st `<td>`	400 x 80	1 mark
		colspan=2	1 mark
7th row	As row 1		1 mark

```
            <tr style="height:80px;">
                <td colspan=3 style="width:650px"><h1>Tawara Wildlife
Conservation Trust</h1>
                </td>
            </tr>
            <tr style="height:130px;">
                <td rowspan=5 style="width:250px;">
                    <img src="j1532alligator.jpg" alt="Alligator image">
                </td>
                <td style="width:200px;">
                    <h2>Dolphins</h2>
                </td>
                <td style="width:200px;">
                    <img src="j1532_8.jpg" alt="Dolphin image"></a>
                </td>
            </tr>

            <tr style="height:130px;">
                <td style="width:200px;">
                    <h2>Elephants</h2>
                </td>
                <td style="width:200px;">
                    <img src="j1532_3.jpg" alt="Elephant image"></a>
                </td>
            </tr>
            <tr style="height:130px;">
                <td style="width:200px;">
                    <h2>Flamingos</h2>
                </td>
                <td style="width:200px;">
                    <img src="j1532_2.jpg" alt="Flamingos image"></a>
                </td>
            </tr>
            <tr style="height:130px;">
                <td style="width:200px;">
```

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All images	Appropriate alt text attributes	1 mark
Hyperlink	"Gorillas" text	1 mark
	Gorilla image	1 mark
	href="j1532gorilla.htm"	1 mark
	target="_primates"	1 mark

```
        <a href="j1532gorilla.htm" target="_primates">
        <h2>Gorillas</h2></a>
     </td>
     <td style="width:200px;">
        <a href="j1532gorilla.htm" target="_primates">
        <img src="j1532_4.jpg" alt="Gorillas image" width=194
height=124></a>
        </td>
    </tr>
    <tr style="height:80px;">
        <td colspan=2><h3>Edited by A Candidate, ZZ999, 9999</h3>
        </td>
    </tr>
    <tr style="height:80px;">
        <td colspan=3><h3><a href=#top>Click here</a> for top of
page</h3>
        </td>
    </tr>

    </table>
   </body>
</html>
```

"Click here" as hyperlink	1 mark
To return to bookmark at top of page	1 mark

A Candidate, XX999, 9999

body	j1532bg attached	1 mark
h1	color:# 003333	1 mark
	font-family: Myriad Pro Semibold	1 mark
	Font name "In speech marks"	1 mark
	,Impact	1 mark
	,sans-serif	1 mark
	font-size:36px	1 mark
	text-align:center	1 mark
h2	color:#004200	1 mark
	font-family: "Myriad Pro Semibold", Impact, sans-serif	1 mark
	font-size:20px	1 mark
	text-align:center	1 mark
h3	color:#000042	1 mark
	font-family:serif	1 mark
	font-size:18px	1 mark
	text-align:left	1 mark
table,td	No border or gridlines	1 mark
css syntax	Must have ; between properties	1 mark

Step 20


```
body      {background-image:url('j1532bg.jpg');}

h1        {color:#003333; font-family:"Myriad Pro Semibold", Impact, sans-serif;
font-size:36px; text-align: center}

h2        {color:#004200; font-family:"Myriad Pro Semibold", Impact, sans-serif;
font-size:20px; text-align: center}

h3        {color:#000042; font-family:serif; font-size:18px; text-align: left}

table,td {border:0}
```

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

Step 22

A Candidate, XX999, 9999

Step 23

```
<!DOCTYPE html>
<html>
    <head>
        <link rel="stylesheet" type="text/css" href="j1532style.css">
        <link rel="stylesheet" type="text/css" href="sty9999.css">
    </head>
…
```
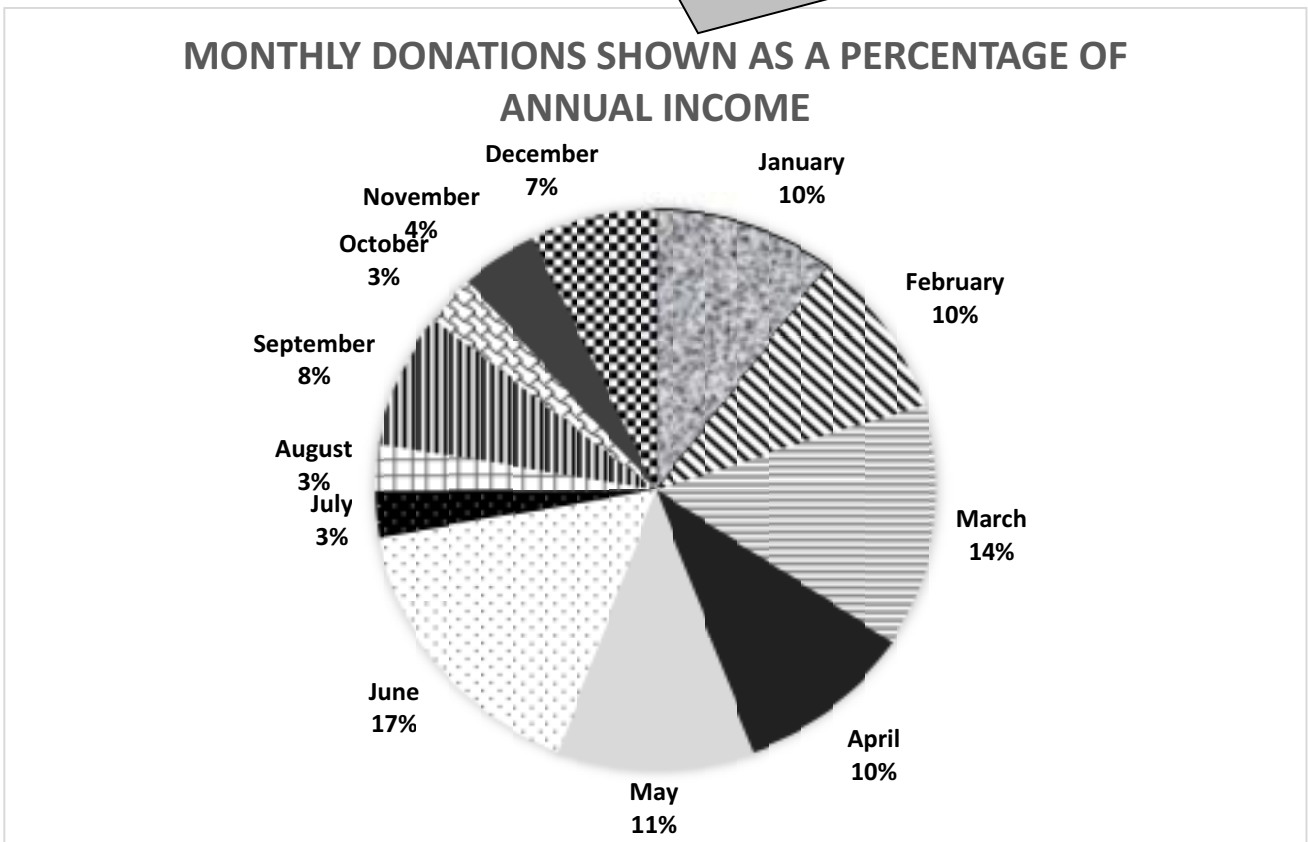
Stylesheet sty *and candidate number*.css attached	1 mark
Attached below original stylesheet	1 mark

Chart		
	Appropriate chart type	1 mark
	Correct data	1 mark
Labels		
	Appropriate title	1 mark
	Months shown	1 mark
	% shown	1 mark
Sectors in black and white and distinct		1 mark

Step 34

MONTHLY DONATIONS SHOWN AS A PERCENTAGE OF ANNUAL INCOME

December 7%
January 10%
November 4%
October 3%
February 10%
September 8%
March 14%
August 3%
July 3%
June 17%
May 11%
April 10%

	A	B	C	D	E	F	G	H	I	J
1									Donations per month by species	
2		Alligator	Buffalo	Cassowary	Dolphin	Elephant	Flamingo	Gorilla	Hippopotamus	
3	January	55.8	483.75	55.71	885.67	9.7	56.06	27.22	25.18	=SUM(B3:I3)
4	February	98.94	377.01	0	803.31	65.43	0	87.94	52.15	=SUM(B4:I4)
5	March	79	855	85.88	945.36	39.47	77	65.09	4.85	=SUM(B5:I5)
6	April	24	206	75.6	1060.79	36.11	19.84	95.83	46.8	=SUM(B6:I6)
7	May	31.49	596.78	15.54	602.2	25.05	0	27.14	435.7	=SUM(B7:I7)
8	June	30.14	66.52	0	1477.67	34.68	358.3	58.41	512	=SUM(B8:I8)
9	July	51.97	13.01	0	41.38	28.71	11.8	90.5	169.64	=SUM(B9:I9)
10	August	66.92	30.84	15.73	112.25	38.44	25.4	76.31	46.22	=SUM(B10:I10)
11	September	17.1	90.85	0	750.49	67.23	75.3	97	91	=SUM(B11:I11)
12	October	84.89	46.77	0	42	99.75	19.57	92.76	57.8	=SUM(B12:I12)
13	November	62.39	54.47	10.67	397.47	63.73	0	54.02	37.55	=SUM(B13:I13)
14	December	64.35	62.6	0	839.41	32.25	0	96.03	24.29	=SUM(B14:I14)
15		=SUM(B3:B14)	=SUM(C3:C14)	=SUM(D3:D14)	=SUM(E3:E14)	=SUM(F3:F14)	=SUM(G3:G14)	=SUM(H3:H14)	=SUM(I3:I14)	
16										
17	Total income	=ROUND(SUM(B15:I15),0)								

A Candidate ZZ999   9999

Formulae
Monthly total   J3   =SUM(B3:I3)   1 mark
Species total B15   =SUM(B3:B14)   1 mark
Replication   Both replicated   1 mark
B17   =ROUND((),0)   1 mark
                    SUM(B15:I15 or J3:J14 or B3:I14)   1 mark
Row and column headings visible   1 mark
Cell contents fully visible and fits to 1 page   1 mark

Donations per month by species

	Alligator	Buffalo	Cassowary	Dolphin	Elephant	Flamingo	Gorilla	Hippopotamus	
January	$55.80	$483.75	$55.71	$885.67	$9.70	$56.06	$27.22	$25.18	$1,599.09
February	$98.94	$377.01	$0.00	$803.31	$65.43	$0.00	$87.94	$52.15	$1,484.78
March	$79.00	$855.00	$85.88	$945.36	$39.47	$77.00	$65.09	$4.85	$2,151.65
April	$24.00	$206.00	$75.60	$1,060.79	$36.11	$19.84	$95.83	$46.80	$1,564.97
May	$31.49	$596.78	$15.54	$602.20	$25.05	$0.00	$27.14	$435.70	$1,733.90
June	$30.14	$66.52	$0.00	$1,477.67	$34.68	$358.30	$58.41	$512.00	$2,537.72
July	$51.97	$13.01	$0.00	$41.38	$28.71	$11.80	$90.50	$169.64	$407.01
August	$66.92	$30.84	$15.73	$112.25	$38.44	$25.40	$76.31	$46.22	$412.11
September	$17.10	$90.85	$0.00	$750.49	$67.23	$75.30	$97.00	$91.00	$1,188.97
October	$84.89	$46.77	$0.00	$42.00	$99.75	$19.57	$92.76	$57.80	$443.54
November	$62.39	$54.47	$10.67	$397.47	$63.73	$0.00	$54.02	$37.55	$680.30
December	$64.35	$62.60	$0.00	$839.41	$32.25	$0.00	$96.03	$24.29	$1,118.93
	$666.99	$2,883.60	$259.13	$7,958.00	$540.55	$643.27	$868.25	$1,503.18	

Total income $15,323

Values 1		
Footer	Candidate name, Centre number and candidate number, centre aligned	1 mark
Top row	Merge cells A1 to J1, right aligned	1 mark
	Text is "Donations per month by species"	1 mark
	24 point sans-serif	1 mark
All sheet(except B17)	Currency values formatted as $ to 2 decimal places consistently	1 mark
Cell B17	Total income = 15323	1 mark
	Currency values $ as integer	1 mark
Printout	Fits on a single page	1 mark

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Donations per month by species

	Alligator	Buffalo	Cassowary	Dolphin	Elephant	Flamingo	Gorilla	Hippopotamus	
January	$55.80	$483.75	$55.71	$885.67	$9.70	$56.06	$27.22	$25.18	$1,599.09
February	$98.94	$377.01	$0.00	$803.31	$65.43	$0.00	$87.94	$52.15	$1,484.78
March	$79.00	$855.00	$85.88	$945.36	$39.47	$77.00	$65.09	$4.85	$2,151.65
April	$24.00	$206.00	$75.60	$1,060.79	$36.11	$19.84	$95.83	$46.80	$1,564.97
May	$31.49	$596.78	$15.54	$602.20	$25.05	$0.00	$27.14	$435.70	$1,733.90
June	$30.14	$66.52	$0.00	$1,477.67	$34.68	$358.30	$58.41	$512.00	$2,537.72
July	$51.97	$13.01	$0.00	$41.38	$28.71	$11.80	$90.50	$169.64	$407.01
August	$66.92	$30.84	$15.73	$112.25	$38.44	$25.40	$76.31	$46.22	$412.11
September	$17.10	$90.85	$0.00	$750.49	$67.23	$75.30	$97.00	$91.00	$1,188.97
October	$84.89	$46.77	$0.00	$42.00	$99.75	$19.57	$92.76	$57.80	$443.54
November	$62.39	$54.47	$10.67	$397.47	$63.73	$0.00	$54.02	$37.55	$680.30
December	$64.35	$62.60	$50.00	$839.41	$32.25	$0.00	$96.03	$24.29	$1,168.93
	$666.99	$2,883.60	$309.13	$7,958.00	$540.55	$643.27	$868.25	$1,503.18	

Total income $15,373

Values 2
Cell D14 $50
and Cell B17 $15,373   1 mark

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