

CAMBRIDGE INTERNATIONAL EXAMINATIONS

Cambridge International General Certificate of Secondary Education

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.

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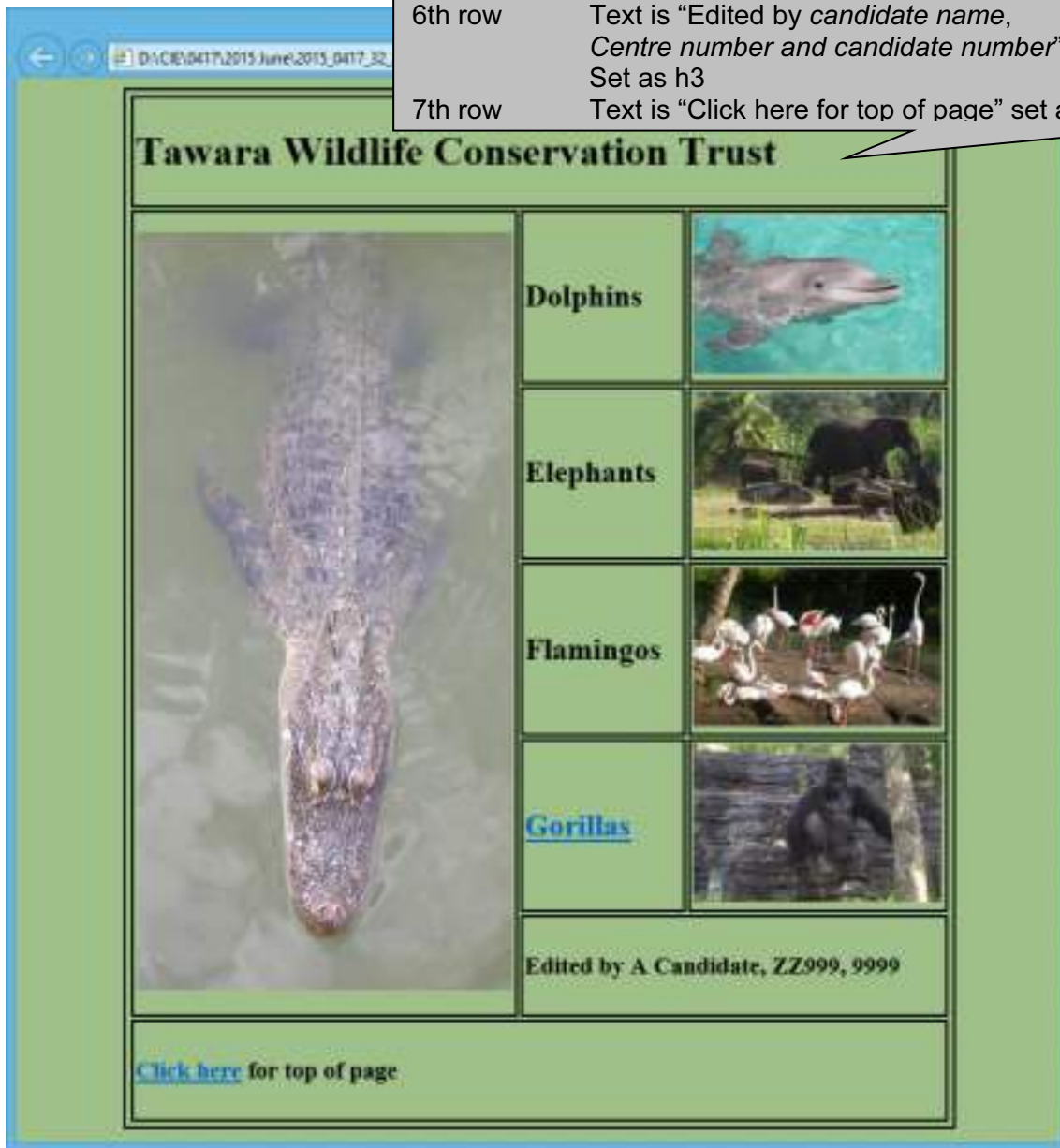
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A Candidate, XX999, 9999

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 <i>candidate name</i> , <i>Centre number and candidate number</i> "	1 mark
	Set as h3	1 mark
7th row	Text is "Click here for top of page" set as h3	1 mark



Page 3	Mark Scheme	Syllabus	Paper
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Step 17

Stylesheet j1532style.css attached 1 mark

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<link rel="stylesheet" type="text/css" href="j1532style.css">
```

```
</head>
```

```
<body>
```

```
<div id="top"></div>
```

Anchor Placed above table 1 mark

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

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

```

```

```
</td>
```

```
<td style="width:200px;">
```

```
<h2>Dolphins</h2>
```

```
</td>
```

```
<td style="width:200px;">
```

```
</a>
```

```
</td>
```

```
</tr>
```

```
<tr style="height:130px;">
```

```
<td style="width:200px;">
```

```
<h2>Elephants</h2>
```

```
</td>
```

```
<td style="width:200px;">
```

```
</a>
```

```
</td>
```

```
</tr>
```

```
<tr style="height:130px;">
```

```
<td style="width:200px;">
```

```
<h2>Flamingos</h2>
```

```
</td>
```

```
<td style="width:200px;">
```

```
</a>
```

```
</td>
```

```
</tr>
```

```
<tr style="height:130px;">
```

```
<td style="width:200px;">
```

Page 4	Mark Scheme	Syllabus	Paper
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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">
    </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

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
h2	font-size:36px	1 mark
	text-align:center	1 mark
	color:#004200	1 mark
h3	font-family: "Myriad Pro Semibold", Impact, sans-serif	1 mark
	font-size:20px	1 mark
	text-align:center	1 mark
	color:#000042	1 mark
	font-family:serif	1 mark
table,td	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

```

sty999.css - Notepad
File Edit Format View Help
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}
  
```

Page 6	Mark Scheme	Syllabus	Paper
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A Candidate, XX999, 9999

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

Step 22



Page 7	Mark Scheme	Syllabus	Paper
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A Candidate, XX999, 9999

Step 23

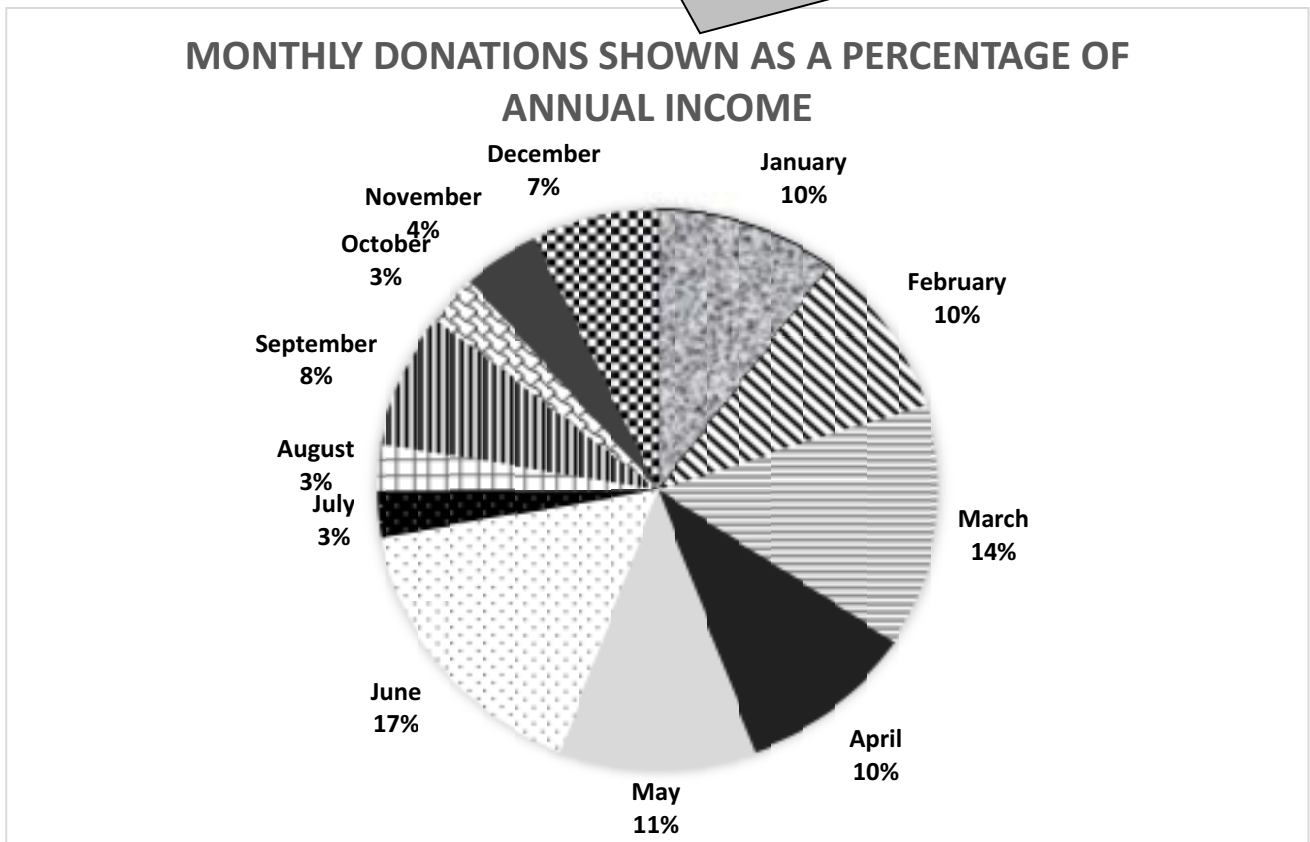
```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet" type="text/css" href="j1532style.css">
    <link rel="stylesheet" type="text/css" href="sty9999.css">
  </head>
```

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



	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	Fleming	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	\$63.09	\$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	\$835.70	\$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	\$37.80	\$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	\$540.35	\$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 |

A Candidate, ZZ999, 9999

Donations per month by species

	Alligator	Buffalo	Cassowary	Dolphin	Elephant	Flamingo	Gorilla	Hippopotamus		
January	\$55.80	\$483.75	\$55.71	\$883.67	\$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	\$15.34	\$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	\$2,337.72	
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