

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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Page 2	Mark Scheme	Syllabus	Paper
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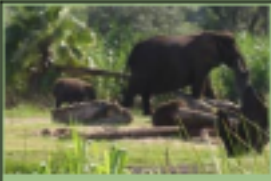



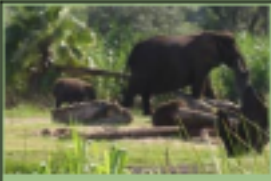



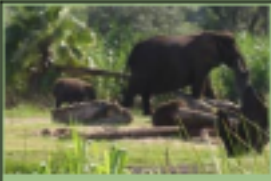


A Candidate, XX999, 9999

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

The screenshot shows a web browser window with the address bar displaying 'D:\VCIE\0417\2015 June\2015_0417_32'. The page content is as follows:

Tawara Wildlife Conservation Trust											
	<table border="1"> <tr> <td>Dolphins</td> <td></td> </tr> <tr> <td>Elephants</td> <td></td> </tr> <tr> <td>Flamingos</td> <td></td> </tr> <tr> <td>Gorillas</td> <td></td> </tr> <tr> <td colspan="2">Edited by A Candidate, ZZ999, 9999</td> </tr> </table>	Dolphins		Elephants		Flamingos		Gorillas		Edited by A Candidate, ZZ999, 9999	
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

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;">````</td>``</tr>``<tr style="height:130px;">``<td style="width:200px;">``<h2>Elephants</h2>``</td>``<td style="width:200px;">````</td>``</tr>``<tr style="height:130px;">``<td style="width:200px;">``<h2>Flamingos</h2>``</td>``<td style="width:200px;">````</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

Page 5	Mark Scheme	Syllabus	Paper
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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
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

Tawara Wildlife Conservation Trust

Dolphins

Elephants

Flamingos

Gorillas

Edited by A Candidate, ZZ999, 9999

[Click here for top of page](#)

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

Step 23

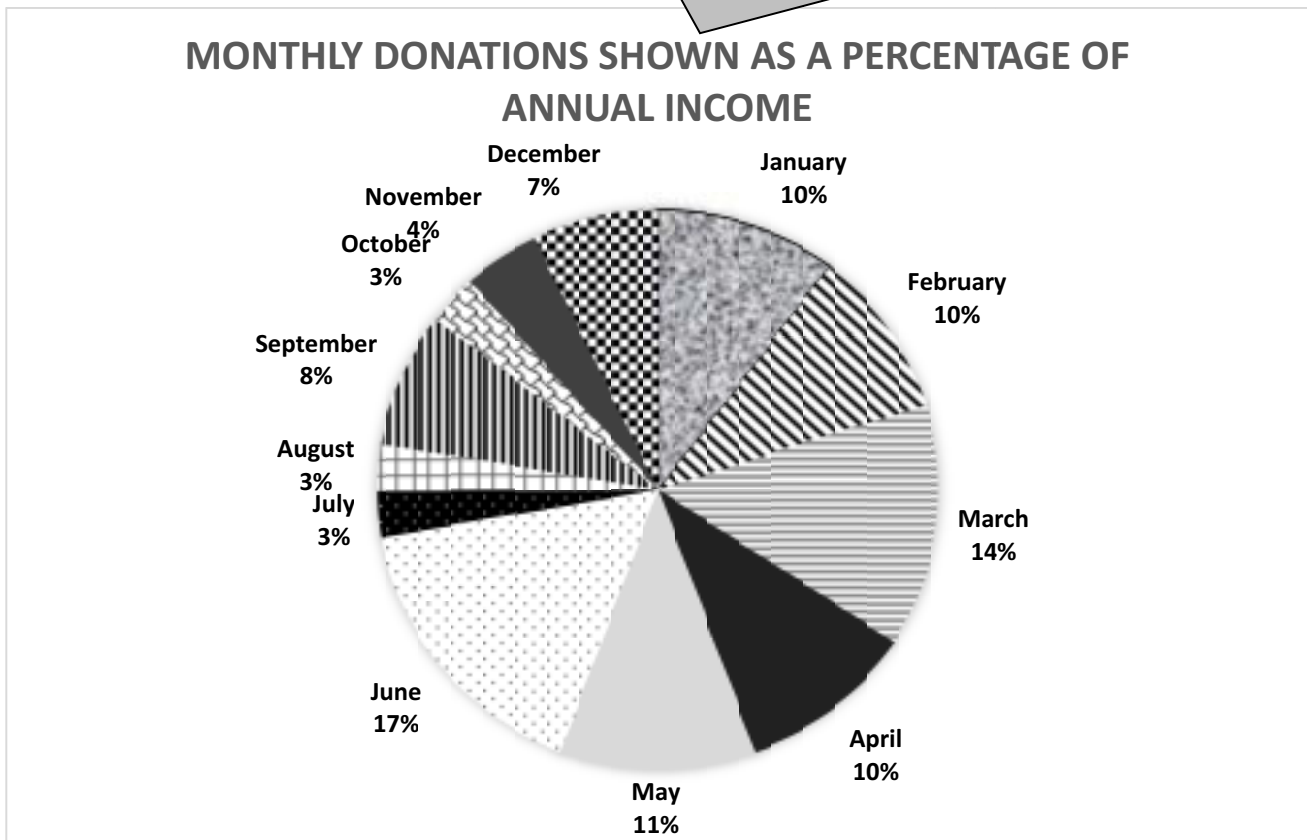
```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet" type="text/css" href="j1532style.css">
    <link rel="stylesheet" type="text/css" href="sty9999.css">
  </head>
```

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



Page 8	Mark Scheme	Syllabus	Paper
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	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

Page 9	Mark Scheme	Syllabus	Paper
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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	\$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

Top row

All sheet(except B17)

Cell B17

Printout

Candidate name, Centre number and candidate number, centre aligned

Merge cells A1 to J1, right aligned

Text is "Donations per month by species"

24 point sans-serif

Currency values formatted as \$ to 2 decimal places consistently

Total income = 15323

Currency values \$ as integer

Fits on a single page

1 mark

1 mark

1 mark

1 mark

1 mark

1 mark

1 mark

1 mark

A Candidate, ZZ999, 9999

Page 10	Mark Scheme	Syllabus	Paper
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Donations per month by species

	Alligator	Buffalo	Cassowary	Dolphin	Elephant	Flemingo	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

A Candidate, Z2999, 9999