

**MARK SCHEME for the March 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 March 2015 series for most Cambridge IGCSE<sup>®</sup> components.

Page 2	Mark Scheme	Syllabus Paper
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```
body {background-color:#A2A86E}
table,td {border:2px solid #000040; padding:2px; spacing:2px;}
h1,h2 {font-family:"Lucida Grande", "Lucida Sans Unicode", sans-serif; text-align: center}
h1 {color:#001F00; font-size:24px;}
h2 {color:#00004C; font-size:16px;}
/*A Candidate XX999, 9999*/
```

{background-color:	1 mark
#A2A86E}	1 mark
font-family:	1 mark
Lucida Grande	1 mark
,Lucida Sans Unicode	1 mark
Speech marks around both	1 mark
,sans-serif	1 mark
text-align: center	1 mark
Also set as h1 above	1 mark
color:#001F00;	1 mark
font-size:24px; (with curly brackets)	1 mark
color:#00004C;	1 mark
font-size:16px; (with curly brackets)	1 mark
/*Candidate details*/	1 mark

Header  
Candidate details centre aligned 1 mark

Candidate name, Centre number and candidate number

	A	B	C	D	E	F	G
1	<i>March Conservation Projects</i>						
2	Project	Animal	Project location	Donations (US\$)	Local Currency Name	Exchange rate for 1 US\$	Value (local)
3	RH001	Rhinoceros	South Africa	14000	=VLOOKUP(C3,rates_9999.xlsx!Exch,2,FALSE)	=VLOOKUP(C3,rates_9999.xlsx!Exch,3,FALSE)	=D3*F3
4	RH002	Rhinoceros	Tanzania	2345	=VLOOKUP(C4,rates_9999.xlsx!Exch,2,FALSE)	=VLOOKUP(C4,rates_9999.xlsx!Exch,3,FALSE)	=D4*F4
5	RH003	Rhinoceros	Zimbabwe	10000	=VLOOKUP(C5,rates_9999.xlsx!Exch,2,FALSE)	=VLOOKUP(C5,rates_9999.xlsx!Exch,3,FALSE)	=D5*F5
6	LE001	Lemur	Madagascar	6005	=VLOOKUP(C6,rates_9999.xlsx!Exch,2,FALSE)	=VLOOKUP(C6,rates_9999.xlsx!Exch,3,FALSE)	=D6*F6
7	OT001	Otter	Russia	4320	=VLOOKUP(C7,rates_9999.xlsx!Exch,2,FALSE)	=VLOOKUP(C7,rates_9999.xlsx!Exch,3,FALSE)	=D7*F7
8	OT002	Otter	China	4320	=VLOOKUP(C8,rates_9999.xlsx!Exch,2,FALSE)	=VLOOKUP(C8,rates_9999.xlsx!Exch,3,FALSE)	=D8*F8
9	LZ001	Lizard	Algeria	650	=VLOOKUP(C9,rates_9999.xlsx!Exch,2,FALSE)	=VLOOKUP(C9,rates_9999.xlsx!Exch,3,FALSE)	=D9*F9

Local Currency Name  
VLOOKUP 1 mark  
Cell C3 1 mark  
Exch 1 mark  
Column 2 1 mark

Exchange rate for 1 US\$  
VLOOKUP C3 1 mark  
Exch, Column 3 1 mark

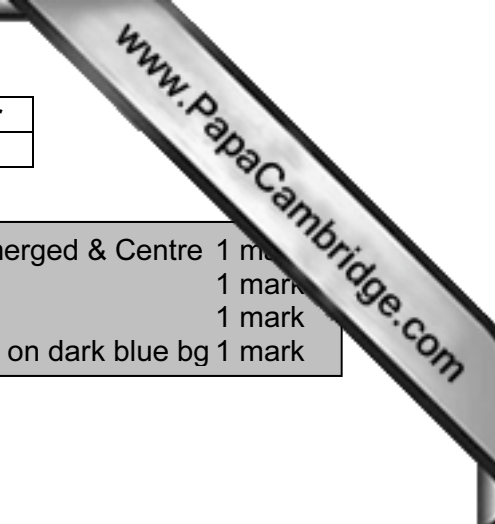
Value (local)  
D3\*F3 1 mark

Replication  
Columns E F G 1 mark  
Row & column headings visible 1 mark  
Landscape, fully visible and 1 page wide 1 mark

Footer  
File name & path right aligned 1 mark

automated file name and file path

<b>Page 4</b>	<b>Mark Scheme</b>	<b>Syllabus</b>	<b>Paper</b>
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Candidate name, Centre number and candidate number

A1 to G1 merged & Centre 1 mark  
 24 point 1 mark  
 Italic font 1 mark  
 Yellow font on dark blue bg 1 mark

## March Conservation Projects

Project	Animal	Project location	Donations (US\$)	Local Currency Name	Exchange rate for 1 US\$	Value (local)
RH001	Rhinoceros	South Africa	\$14,000.00	South African rand	9.9	R 139,170.64
RH002	Rhinoceros	Tanzania	\$2,345.00	Tanzanian shilling	1611.5	TZS 3,778,944.05
RH003	Rhinoceros	Zimbabwe	\$10,000.00	South African rand	9.9	R 99,407.60
LE001	Lemur	Madagascar	\$6,005.00	Malagasy ariary	2210.0	MGA 13,270,990
OT001	Otter	Russia	\$4,320.00	Russian ruble	32.6	140,974.13 p.
OT002	Otter	China	\$4,320.00	Chinese yuan	6.1	¥26,428.98
LZ001	Lizard	Algeria	\$650.00	Algerian dinar	82.1	53,364.42 د.ج.

Formatting  
US\$ 2dp 1 mark

Formatting  
1dp 1 mark

Row & column headings NOT visible 1 mark  
 Fully visible & 1 page wide 1 mark

Formatting  
 All 2dp except Malagasy INT 1 mark  
 Row 3 R or ZAR 1 mark  
 Row 4 Sh or TZS 1 mark  
 Row 5 R or ZAR 1 mark  
 Row 6 Ar or MGA 1 mark  
 Row 7 p. or py6. or RUB 1 mark  
 Row 8 ¥ or 元 or CNY 1 mark  
 Row 9 د.ج. or DZD 1 mark

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Candidate name, Centre number and candidate number

Country	Currency	Rate
Gabon	Central African CFA franc	492.707
Equatorial Guinea	Central African CFA franc	492.707
Chad	Central African CFA franc	492.707
Central African Republic	Central African CFA franc	492.707
Cameroon	Central African CFA franc	492.707
Zimbabwe	South African rand	9.94076
South Africa	South African rand	9.94076
Senegal	West African CFA franc	492.707
Niger	West African CFA franc	493.526
Mali	West African CFA franc	493.526
Guinea-Bissau	West African CFA franc	493.526
Côte d'Ivoire	West African CFA franc	493.526
Burkina Faso	West African CFA franc	493.526
Benin	West African CFA franc	493.526

Searching  
Contains  
African  
1 mark  
1 mark

Fully visible including row 1 1 mark

Sorting  
Ascending on Currency 1 mark  
Descending on Country 1 mark

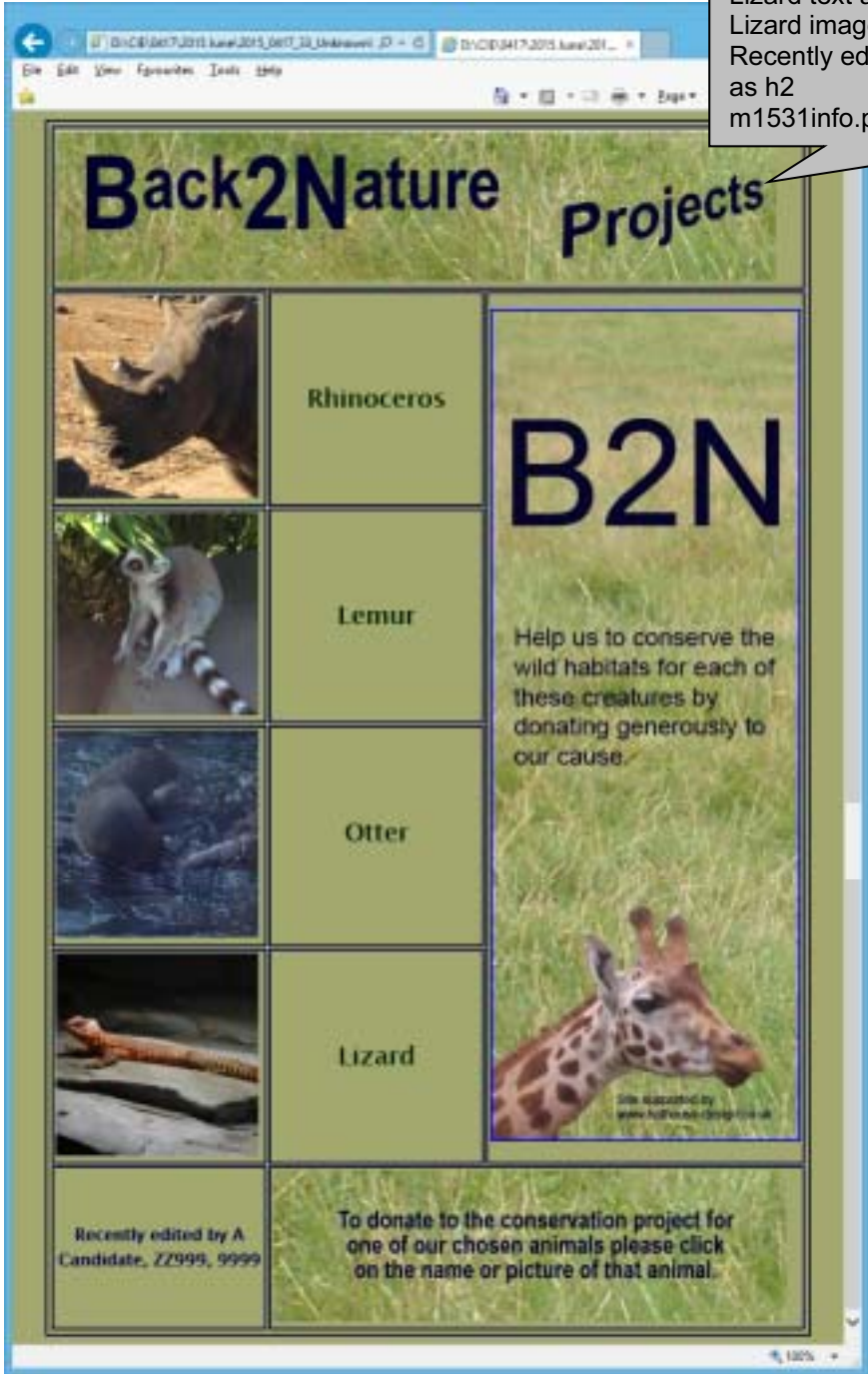
automated file name and file path

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Candidate name, Centre number and candidate number

- borders visible
- m1531title.jpg
- Rhinoceros text as h1
- Rhinoceros image
- m1531Large.jpg
- Lemur text as h1
- Lemur image
- Otter text as h1
- Otter image
- Lizard text as h1
- Lizard image
- Recently edited by & candidate details as h2
- m1531info.png



Page 7	Mark Scheme	Syllabus Paper
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Candidate name, Centre number and candidate number

```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet" type="text/css" href="m1531_9999.css">
  </head>
  <body>
    <table border="1" style="margin-left:auto; margin-right:auto;">
```

Stylesheet m1531\_cand no.css attached 1 mark

```
<tr style="height:150px;">
  <td colspan=3 style="width 700px;">
</td>
</tr>
```

Table	centre aligned in window	1 mark
1 <sup>st</sup> row	700 x 150	1 mark
	colspan=3	1 mark

```
<tr style="height:200px;">
  <td style="width:200px;">
    
  </td>
  <td style="width:200px;">
    <h1>Rhinoceros</h1>
  </td>
  <td rowspan=4 style="width 300px;">
    <a href="http://www.hothouse-design.co.uk/"
    target="_webmaster">
      </a>
    </td>
</tr>
```

2 <sup>nd</sup> row	1st 2 <td>	200 x 200	1 mark
	3rd <td>	300 x 800	1 mark
	rowspan=4		1 mark

Hyperlink	m1531large.jpg image	1 mark
	href="http://www.hothouse-design.co.uk/"	1 mark
	target="_webmaster"	1 mark

```
<tr style="height:200px;">
  <td style="width:200px;">
    
  </td>
  <td style="width:200px;">
    <h1>Lemur</h1>
  </td>
</tr>
```

3 <sup>rd</sup> row	As 2nd <tr>	1 mark	
4 <sup>th</sup> row	As 3rd <tr>	1 mark	
5 <sup>th</sup> row	As 4th <tr>	1 mark	
6 <sup>th</sup> row	1st <td>	200 x 150	1 mark
	2nd <td>	colspan 2 & 500 x 150	1 mark
4 images	Sized to 196 x 196 pixels	1 mark	
All images	Appropriate alt text attributes	1 mark	

Page 8	Mark Scheme	Syllabus
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Candidate name, Centre number and candidate number

```

<tr style="height:200px;">
  <td style="width:200px;">
    
  </td>
  <td style="width:200px;">
    <h1>Otter</h1>
  </td>
</tr>

<tr style="height:200px;">
  <td style="width:200px;">
    
  </td>
  <td style="width:200px;">
    <h1>Lizard</h1>
  </td>
</tr>

<tr style="height:150px;">
  <td><h2>Recently edited by A Candidate, ZZ999, 9999</h2>
  </td>
  <td colspan=2>
  </td>
</tr>

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

```

Named range	Exch	1 mark
	Cells A2 to C173	1 mark

