

CAMBRIDGE INTERNATIONAL EXAMINATIONS

Cambridge International General Certificate of Secondary Education

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.

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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

Page 4	Mark Scheme	Syllabus	Paper
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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

automated file name and file path

Page 5	Mark Scheme	Syllabus	Paper
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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

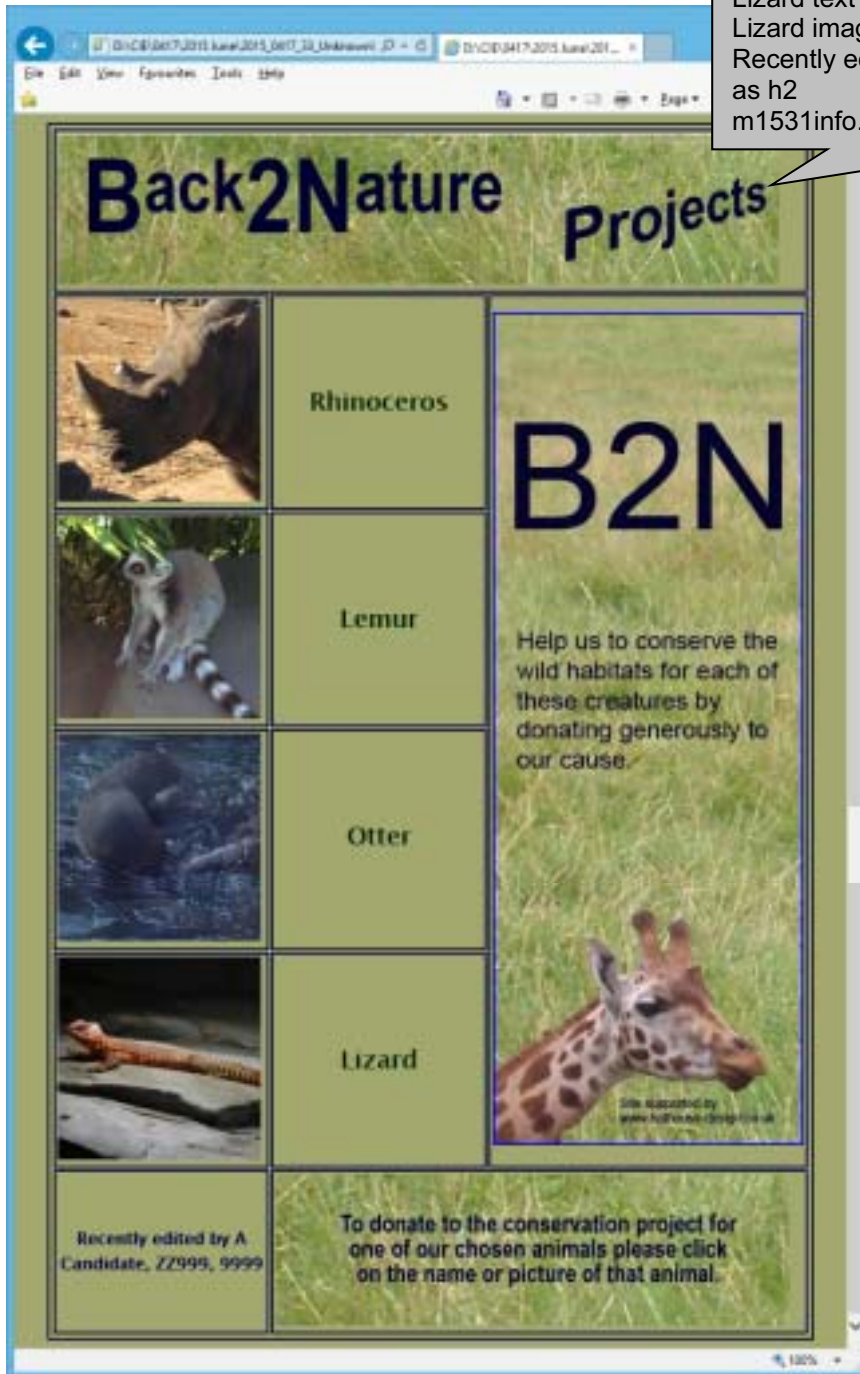
Sorting
Ascending on Currency 1 mark
Descending on Country 1 mark

automated file name and file path

Page 6	Mark Scheme	Syllabus	Paper
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Candidate name, Centre number and candidate number

borders visible	1 mark
m1531title.jpg	1 mark
Rhinoceros text as h1	1 mark
Rhinoceros image	1 mark
m1531Large.jpg	1 mark
Lemur text as h1	1 mark
Lemur image	1 mark
Otter text as h1	1 mark
Otter image	1 mark
Lizard text as h1	1 mark
Lizard image	1 mark
Recently edited by & candidate details as h2	1 mark
m1531info.png	1 mark



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

```
<!DOCTYPE html>
```

Stylesheet m1531_cand no.css attached 1 mark

```
<html>
```

```
<head>
```

```
<link rel="stylesheet" type="text/css" href="m1531_9999.css">
```

```
</head>
```

```
<body>
```

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

```
<tr style="height:150px;">
```

```
<td colspan=3 style="width 700px;">
```

```
</td>
```

```
</tr>
```

Table	centre aligned in window	1 mark
1 st row	700 x 150	1 mark
	colspan=3	1 mark

```
<tr style="height:200px;">
```

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

```

```

```
</td>
```

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

```
<h1>Rhinceros</h1>
```

```
</td>
```

```
<td rowspan=4 style="width 300px;">
```

```
<a href="http://www.hothouse-design.co.uk/" target="_webmaster">
```

```
</a>
```

```
</td>
```

```
</tr>
```

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 rd row	As 2nd <tr>	1 mark
4 th row	As 3rd <tr>	1 mark
5 th row	As 4th <tr>	1 mark
6 th 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	Paper
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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 Cells A2 to C173 1 mark