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CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the May/June 2014 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 2014 series for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level components and some Ordinary Level components.

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```
body    {background-color:#ffff00}

table {width:90%;
          border-collapse:collapse;
          border:1px solid #0000FF}

td      {border:1px solid #0000FF}

h1      {color:#0000FF;
          font-family:"Arial Rounded MT Bold",sans-serif;
          text-align:center;
          font-size:48px}

h2      {color:#0000A0;
          font-family:Arial,sans-serif;
          text-align:left;
          font-size:24px;
          font-weight:bold}

p       {color:#000000;
          font-family:serif;
          text-align:justify;
          font-size:14px}

li      {list-style-type:square;
          text-align:left}

/* A Candidate, XX999, 9999 */
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body	background -color:	1 mark
	#ffff00	1 mark
table	width:90%	1 mark
	border-collapse:collapse	1 mark
	border:1px	1 mark
	Border:solid	1 mark
	Color: #0000FF	1 mark
table data	border:1px	1 mark
	Border solid	1 mark
	Colour is #0000FF	1 mark
h1	color: #0000FF	1 mark
	font- family:"Arial Rounded MT Bold"	1 mark
	,sans-serif	1 mark
	text-align: center	1 mark
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h2	color: #0000A0	1 mark
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	,sans-serif	1 mark
p	color: #000000	1 mark
	font-family: serif	1 mark
	text-align: justify	1 mark
	font-size: 14px	1 mark
li	list-style-type:square	1 mark
	text-align: left	1 mark
Css format	/*Candidate details*/	1 mark

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Candidate name Centre number Candidate number

Browser	Screenshot	1 mark
Table	6 rows & 3 columns	1 mark
	Top & bottom rows merged	1 mark
	Left column in rows 2-5 merged	1 mark
Top row	Banner image	1 mark
Text in rows 2-5	Correct text & styles	1 mark
4 images	Giraffe image to right of Giraffe	1 mark
	Tiger image to right of Tiger	1 mark
	Sable antelope image to right of SA	1 mark
	Wallaby image to right of Wallaby	1 mark
	Tiger resized to 120 high & aspect ratio	1 mark
Bottom row	Edited by name & Nos as style p	1 mark

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Head	Correct stylesheet attached	1 mark

```
<html>
  <head>
    <link rel="stylesheet" type="text/css" href="p32-2014.css">
  </head>
  <body>
    <table>
      <tr>
        <td colspan="3" align="center">
          <img src="J1432banner.jpg" alt="top banner">
      </td>
      </tr>
      <tr>
        <td rowspan="4">
          <h1>Support these animals!</h1>
          <h2>Click on an image for further details </h2>
      </td>
      <td>
           <h2>Giraffe</h2>
        </td>
      <td>
          <a href="giraffe.htm" target="_giraffe"><img src="J1432img2.jpg"
alt="image of a giraffe"></a>
        </td>
      </tr>
      <tr>
        <td>
           <h2>Tiger</h2>
        </td>
      <td>
          <img src="J1432img7.jpg" alt="image of a tiger" height="120px">
        </td>
      </tr>
      <tr>
        <td>
           <h2>Sable antelope</h2>
        </td>
      <td>
          <img src="J1432img1.jpg" alt="image of a sable antelope">
        </td>
      </tr>
      <tr>
        <td>
          <h2>Wallaby</h2>
        </td>
      <td>
          <img src="J1432img6.jpg" alt="image of a wallaby">
        </td>
      </tr>
      <tr>
        <td colspan="3">
          <p>Edited by A Candidate,XX999,9999</p>
      </td>
      </tr>
    </table>
  </body>
</html>
```

Images	Correct 'alt' descriptions	1 mark

Hyperlink	On image of giraffe	1 mark
	Correct open & close anchors	1 mark
	To correct webpage	1 mark
	Target = "_giraffe"	1 mark

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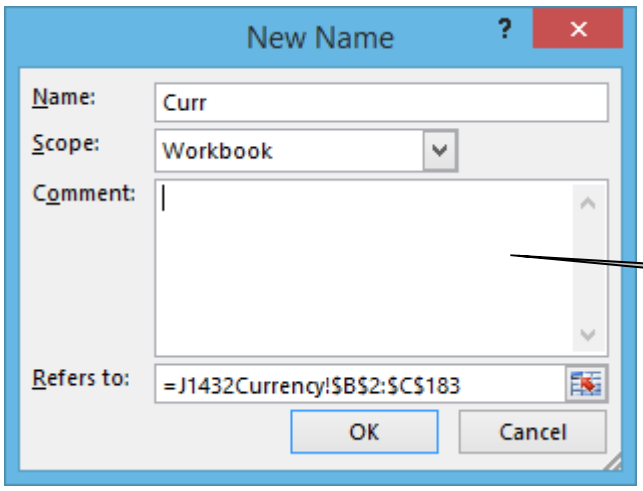

Named range	Called Curr	1 mark
	B2 to C183	1 mark

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E:\2014 June\Jun_2014_0417_032\worked\Worked_Currency

ISO 4217	Country	Currency
ARS	Argentina	Peso
CLP	Chile	Peso
COP	Colombia	Peso
CUC	Cuba	Peso
CUP	Cuba	Peso
DOP	Dominican Republic	Peso
MXN	Mexico	Peso
PHP	Philippines	Peso
UYU	Uruguay	Peso
AUD	Australia	Dollar
BSD	Bahamas	Dollar
BBD	Barbados	Dollar
BZD	Belize	Dollar
BMD	Bermuda	Dollar
BND	Brunei Darussalam	Dollar
CAD	Canada	Dollar
KYD	Cayman Islands	Dollar
XCD	East Caribbean	Dollar
FJD	Fiji	Dollar
GYD	Guyana	Dollar
HKD	Hong Kong	Dollar
JMD	Jamaica	Dollar
LRD	Liberia	Dollar
NAD	Namibia	Dollar
NZD	New Zealand	Dollar
SGD	Singapore	Dollar
SBD	Solomon Islands	Dollar
SRD	Suriname	Dollar
TWD	Taiwan	Dollar
TTD	Trinidad and Tobago	Dollar
TVD	Tuvalu	Dollar
USD	United States of America	Dollar
ZWD	Zimbabwe	Dollar

Header	Automated file name	1 mark
All data	Cols 2 and 3 fully visible	1 mark
	Single page portrait	1 mark
Search	Peso or	1 mark
	Dollar	1 mark
Sort	Currency descending	1 mark
	Then Country ascending	1 mark

Footer	Candidate details	1 mark

A Candidate, ZZ999, 9999

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Quarter 1 Candidate name Centre Number Candidate number **Last edited on** date **at** time

	A	B	C	D	E	F
1	**Back2Nature Expenditure Analysis 2014**					
4	Date	Project	Country	Order number	Amount	Currency
5	41655	Ibex 2	Slovenia	B2N00001276	8858.84	=VLOOKUP(C5,Worked
6	41657	Ethiopia Giraffe	Ethiopia	B2N00001224	12198.57	=VLOOKUP(C6,Worked_Currency.xlsx!Curr,2,FALSE)
7	41660	Wallaby	Australia	B2N00001213	3992.28	=VLOOKUP(C7,Worked_Currency.xlsx!Curr,2,FALSE)
8	41661	Flashback Wallaby	Australia	B2N00001302	4352.63	=VLOOKUP(C8,Worked_Currency.xlsx!Curr,2,FALSE)
9	41662	Flashback Wallaby	Australia	B2N00001299	4398.69	=VLOOKUP(C9,Worked_Currency.xlsx!Curr,2,FALSE)
10	41663	Ethiopia Giraffe	Ethiopia	B2N00001294	4568.77	=VLOOKUP(C
11	41664	Ethiopia Giraffe	Ethiopia	B2N00001247	7350.24	=VLO
12	41665	Ethiopia Giraffe	Ethiopia	B2N00001315	14032.74	=VLO
13	41665	Wallaby	Australia	B2N00001321	493.88	=VLO
14	41667	Giraffe Nigeria	Nigeria	B2N00001221	600.2	=VLO
15	41668	Ibex	Switzerland	B2N00001231	500.2	=VLO
16	41668	Flashback Wallaby	Australia	B2N00001312	15742.95	=VLOOKUP(C16,Worked_Currency.xlsx!Curr,2,FALSE)
17	41669	Flashback Wallaby	Australia	B2N00001261	20735.97	=VLOOKUP(C17,Worked_Currency.xlsx!Curr,2,FALSE)
18	41670	Wallaby 2	Australia	B2N00001222	24546.07	=VLOOKUP(C18,Worked_Currency.xlsx!Curr,2,FALSE)
19	41670	Giraffe Nigeria	Nigeria	B2N00001265	3431.74	=VLOOKUP(C19,Worked_Currency.xlsx!Curr,2,FALSE)
20	41670	Ethiopia Giraffe	Ethiopia	B2N00001365	24730	=VLOOKUP(C20,Worked_Currency.xlsx!Curr,2,FALSE)
21	41671	Giraffe Nigeria	Nigeria	B2N00001234	714.53	=VLOOKUP(C21,Worked_Currency.xlsx!Curr,2,FALSE)
22	41673	Wallaby	Australia	B2N00001319	10243.87	=VLOOKUP(C22,Worked_Currency.xlsx!Curr,2,FALSE)
23	41675	Ethiopia Giraffe	Ethiopia	B2N00001325	9931.35	=VLO
24	41677	Ibex 2	Slovenia	B2N00001285	89.32	=VLO
25	41678	Ibex 3	Italy	B2N00001244	18469.16	=VLO

Fully visible	Row/column headings	1 mark
Rows 2 &3	Hidden	1 mark

Currency	VLookup or Lookup used	1 mark
	Correct relative lookup reference	1 mark
	Correct named range	1 mark
	If VLOOKUP return column 2 & False **OR**	
	If LOOKUP currency sorted	1 mark

Page	Single page wide & landscape	
	Fully visible	1 mark
Replication	Correct for Currency column	1 mark

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26	41678	Wallaby	Australia	B2N00001273	3717.85	=VLOOKUP(C26,Worked_Currency.xlsx!Curr,2,FALSE)
27	41680	Ethiopia Giraffe	Ethiopia	B2N00001304	11379.55	=VLOOKUP(C27,Worked_Currency.xlsx!Curr,2,FALSE)
28	41683	Giraffe	Sudan	B2N00001344	8631.36	=VLOOKUP(C28,Worked_Currency.xlsx!Curr,2,FALSE)
29	41684	Ethiopia Giraffe	Ethiopia	B2N00001228	8380.66	=VLOOKUP(C29,Worked_Currency.xlsx!Curr,2,FALSE)
30	41684	Bali Tiger	Indonesia	B2N00001310	14458.67	=VLOOKUP(C30,Worked_Currency.xlsx!Curr,2,FALSE)
31	41686	Ethiopia Giraffe	Ethiopia	B2N00001236	122.3	=VLOOKUP(C31,Worked_Currency.xlsx!Curr,2,FALSE)
32	41686	Ethiopia Giraffe	Ethiopia	B2N00001348	62.5	=VLOOKUP(C32,Worked_Currency.xlsx!Curr,2,FALSE)
33	41687	Flashback Wallaby	Australia	B2N00001283	20675.66	=VLOOKUP(C33,Worked_Currency.xlsx!Curr,2,FALSE)
34	41688	Wallaby	Australia	B2N00001314	18461.43	=VLOOKUP(C34,Worked_Currency.xlsx!Curr,2,FALSE)
35	41691	Wallaby	Australia	B2N00001356	10234.18	=VLOOKUP(C35,Worked_Currency.xlsx!Curr,2,FALSE)
36	41692	Wallaby 2	Australia	B2N00001269	9377.17	=VLOOKUP(C36,Worked_Currency.xlsx!Curr,2,FALSE)
37	41693	Ibex	Switzerland	B2N00001334	18882.77	=VLOOKUP(C37,Worked_Currency.xlsx!Curr,2,FALSE)
38	41694	Ibex	Switzerland	B2N00001357	27	=VLOOKUP(C38,Worked_Currency.xlsx!Curr,2,FALSE)
39	41698	Giraffe	Sudan	B2N00001295	19628.98	=VLOOKUP(C39,Worked_Currency.xlsx!Curr,2,FALSE)
40	41699	Flashback Wallaby	Australia	B2N00001246	3597.46	=VLOOKUP(C40,Worked_Currency.xlsx!Curr,2,FALSE)
41	41699	Flashback Wallaby	Australia	B2N00001287	939.1	=VLOOKUP(C41,Worked_Currency.xlsx!Curr,2,FALSE)
42	41701	Java Tiger	Indonesia	B2N00001217	24671.67	=VLOOKUP(C42,Worked_Currency.xlsx!Curr,2,FALSE)
43	41702	Giraffe Nigeria	Nigeria	B2N00001257	23259.37	=VLOOKUP(C43,Worked_Currency.xlsx!Curr,2,FALSE)
44	41702	Wallaby 2	Australia	B2N00001258	8496.14	=VLOOKUP(C44,Worked_Currency.xlsx!Curr,2,FALSE)
45	41703	Wallaby 2	Australia	B2N00001242	3967.97	=VLOOKUP(C45,Worked_Currency.xlsx!Curr,2,FALSE)
46	41706	Wallaby	Australia	B2N00001223	4657.85	=VLOOKUP(C46,Worked_Currency.xlsx!Curr,2,FALSE)
47	41708	Giraffe	Sudan	B2N00001237	4919.17	=VLOOKUP(C47,Worked_Currency.xlsx!Curr,2,FALSE)
48	41708	Wallaby	Australia	B2N00001238	12167.6	=VLOOKUP(C48,Worked_Currency.xlsx!Curr,2,FALSE)
49	41709	Wallaby 2	Australia	B2N00001369	2383.19	=VLOOKUP(C49,Worked_Currency.xlsx!Curr,2,FALSE)
50	41711	Flashback Wallaby	Australia	B2N00001254	15191.32	=VLOOKUP(C50,Worked_Currency.xlsx!Curr,2,FALSE)
51	41712	Ibex 3	Italy	B2N00001328	13638.72	=VLOOKUP(C51,Worked_Currency.xlsx!Curr,2,FALSE)
52	41714	Wallaby	Australia	B2N00001251	2452.42	=VLOOKUP(C52,Worked_Currency.xlsx!Curr,2,FALSE)

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53	41716	Wallaby	Australia	B2N00001230	16214.92	=VLOOKUP(C53,Worked_Currency.xlsx!Curr,2,FALSE)
54	41717	India Tiger	India	B2N00001286	15567.64	=VLOOKUP(C54,Worked_Currency.xlsx!Curr,2,FALSE)
55	41717	Giraffe	Sudan	B2N00001331	142.5	=VLOOKUP(C55,Worked_Currency.xlsx!Curr,2,FALSE)
56	41718	Flashback Wallaby	Australia	B2N00001290	23648.07	=VLOOKUP(C56,Worked_Currency.xlsx!Curr,2,FALSE)
57	41719	Ibex 3	Italy	B2N00001341	14354.1	=VLOOKUP(C57,Worked_Currency.xlsx!Curr,2,FALSE)
58	41719	Flashback Wallaby	Australia	B2N00001352	2697.93	=VLOOKUP(C58,Worked_Currency.xlsx!Curr,2,FALSE)
59	41721	Flashback Wallaby	Australia	B2N00001280	16463.05	=VLOOKUP(C59,Worked_Currency.xlsx!Curr,2,FALSE)
60	41722	Wallaby	Australia	B2N00001214	11048.89	=VLOOKUP(C60,Worked_Currency.xlsx!Curr,2,FALSE)
61	41722	Flashback Wallaby	Australia	B2N00001335	1538.42	=VLOOKUP(C61,Worked_Currency.xlsx!Curr,2,FALSE)
62	41723	India Tiger	India	B2N00001245	4527.59	=VLOOKUP(C62,Worked_Currency.xlsx!Curr,2,FALSE)
63	41723	Giraffe	Sudan	B2N00001324	8227	=VLOOKUP(C63,Worked_Currency.xlsx!Curr,2,FALSE)
64	41725	Flashback Wallaby	Australia	B2N00001306	55.9	=VLOOKUP(C64,Worked_Currency.xlsx!Curr,2,FALSE)
65	41726	Flashback Wallaby	Australia	B2N00001339	10543.55	=VLOOKUP(C65,Worked_Currency.xlsx!Curr,2,FALSE)
66	41728	Bali Tiger	Indonesia	B2N00001362	5601.47	=VLOOKUP(C66,Worked_Currency.xlsx!Curr,2,FALSE)
67	41729	Flashback Wallaby	Australia	B2N00001360	16213.51	=VLOOKUP(C67,Worked_Currency.xlsx!Curr,2,FALSE)
68	41729	Ethiopia Giraffe	Ethiopia	B2N00001282	9823.96	=VLOOKUP(C68,Worked_Currency.xlsx!Curr,2,FALSE)

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Quarter 1 Candidate name Centre number Candidate number **Last edited on** date **at** time

Header	**Quarter 1** - left	1 mark
	Name, Centre & Cand numbers - centre	1 mark
	Last edited on & date & **at** & time - right	1 mark

Top row	Merge & centre align cells A1 to F1	1 mark
	White font	1 mark
	Black background	1 mark
	20 point sans-serif font	1 mark

Back2Nature Expenditure Analysis 2014

Date	Project	Country	Order number	Amount	Currency
18/01/2014	Ethiopia Giraffe	Ethiopia	B2N00001224	12198.57	Birr
24/01/2014	Ethiopia Giraffe	Ethiopia	B2N00001294	4568.77	Birr
25/01/2014	Ethiopia Giraffe	Ethiopia	B2N00001247	7350.24	Birr
26/01/2014	Ethiopia Giraffe	Ethiopia	B2N00001315	14032.74	Birr
31/01/2014	Ethiopia Giraffe	Ethiopia	B2N00001365	24730.00	Birr
05/02/2014	Ethiopia Giraffe	Ethiopia	B2N00001325	9931.35	Birr
10/02/2014	Ethiopia Giraffe	Ethiopia	B2N00001304	11379.55	Birr
14/02/2014	Ethiopia Giraffe	Ethiopia	B2N00001228	8380.66	Birr
16/02/2014	Ethiopia Giraffe	Ethiopia	B2N00001236	122.30	Birr
16/02/2014	Ethiopia Giraffe	Ethiopia	B2N00001348	62.50	Birr
31/03/2014	Ethiopia Giraffe	Ethiopia	B2N00001282	9823.96	Birr
28/01/2014	Giraffe Nigeria	Nigeria	B2N00001221	600.20	Naira
31/01/2014	Giraffe Nigeria	Nigeria	B2N00001265	3431.74	Naira
01/02/2014	Giraffe Nigeria	Nigeria	B2N00001234	714.53	Naira
04/03/2014	Giraffe Nigeria	Nigeria	B2N00001257	23259.37	Naira
13/02/2014	Giraffe	Sudan	B2N00001344	8631.36	Pound
28/02/2014	Giraffe	Sudan	B2N00001295	19628.98	Pound
10/03/2014	Giraffe	Sudan	B2N00001237	4919.17	Pound
19/03/2014	Giraffe	Sudan	B2N00001331	142.50	Pound
25/03/2014	Giraffe	Sudan	B2N00001324	8227.00	Pound

Search	Wildcard on giraffe	1 mark
Sort	Ascending on Country	1 mark
Printout	Values p/o with Amount set to 2dp, single page & all visible	1 mark

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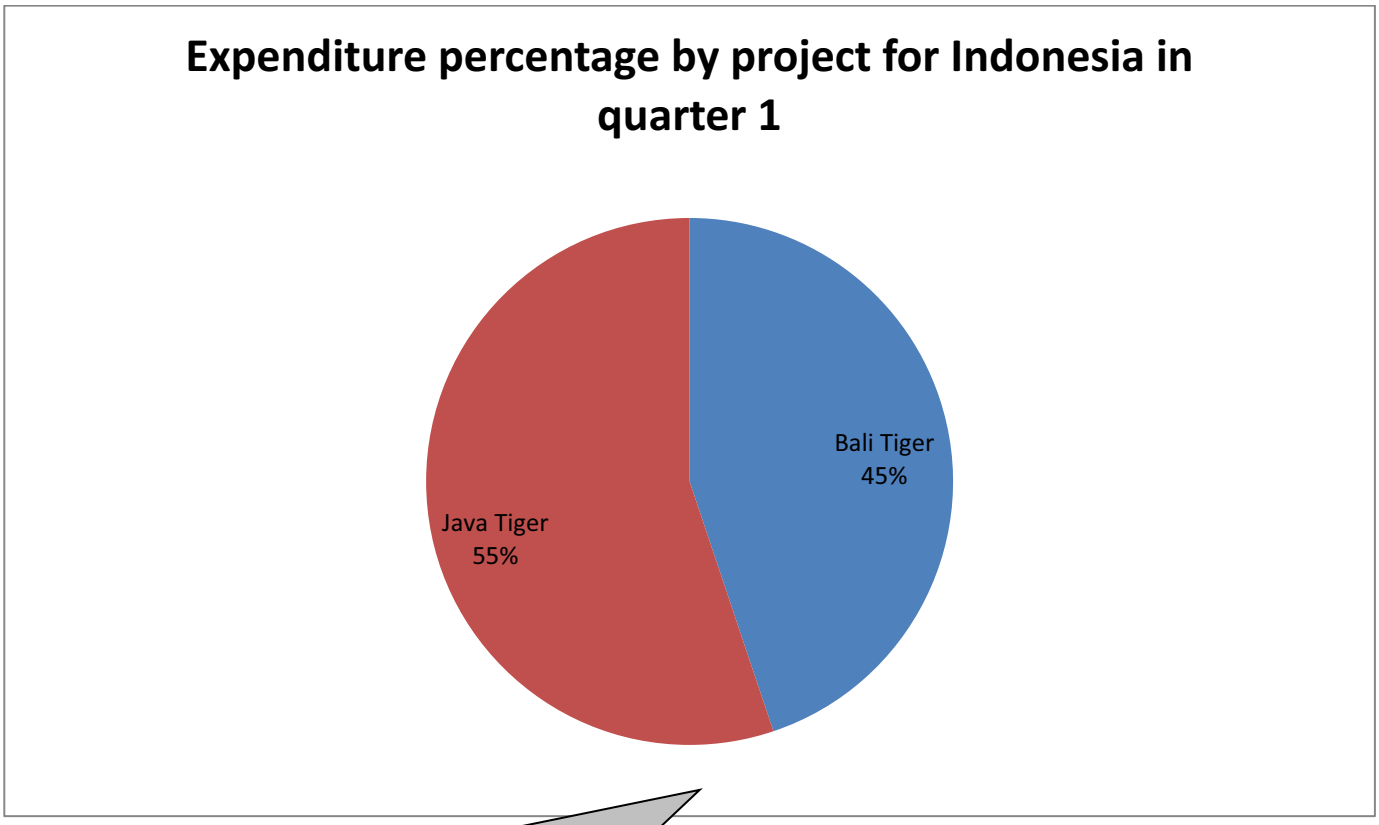
Candidate name Centre number Candidate number

Back2Nature Expenditure Analysis 2014

Date	Project	Country	Order number	Amount	Currency
14/02/2014	Bali Tiger	Indonesia	B2N00001310	14458.67	Rupiah
03/03/2014	Java Tiger	Indonesia	B2N00001217	24671.67	Rupiah
30/03/2014	Bali Tiger	Indonesia	B2N00001362	5601.47	Rupiah

Bali Tiger	20060.14
Java Tiger	24671.67

Sum or % for each project	1 mark
Correct results	1 mark



Pie chart	Correct chart type	1 mark
Labels	Project names visible	1 mark
	Percentages visible	1 mark
	Title contains Indonesia, costs & project	1 mark

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