

**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.

Cambridge will not enter into discussions about these mark schemes.

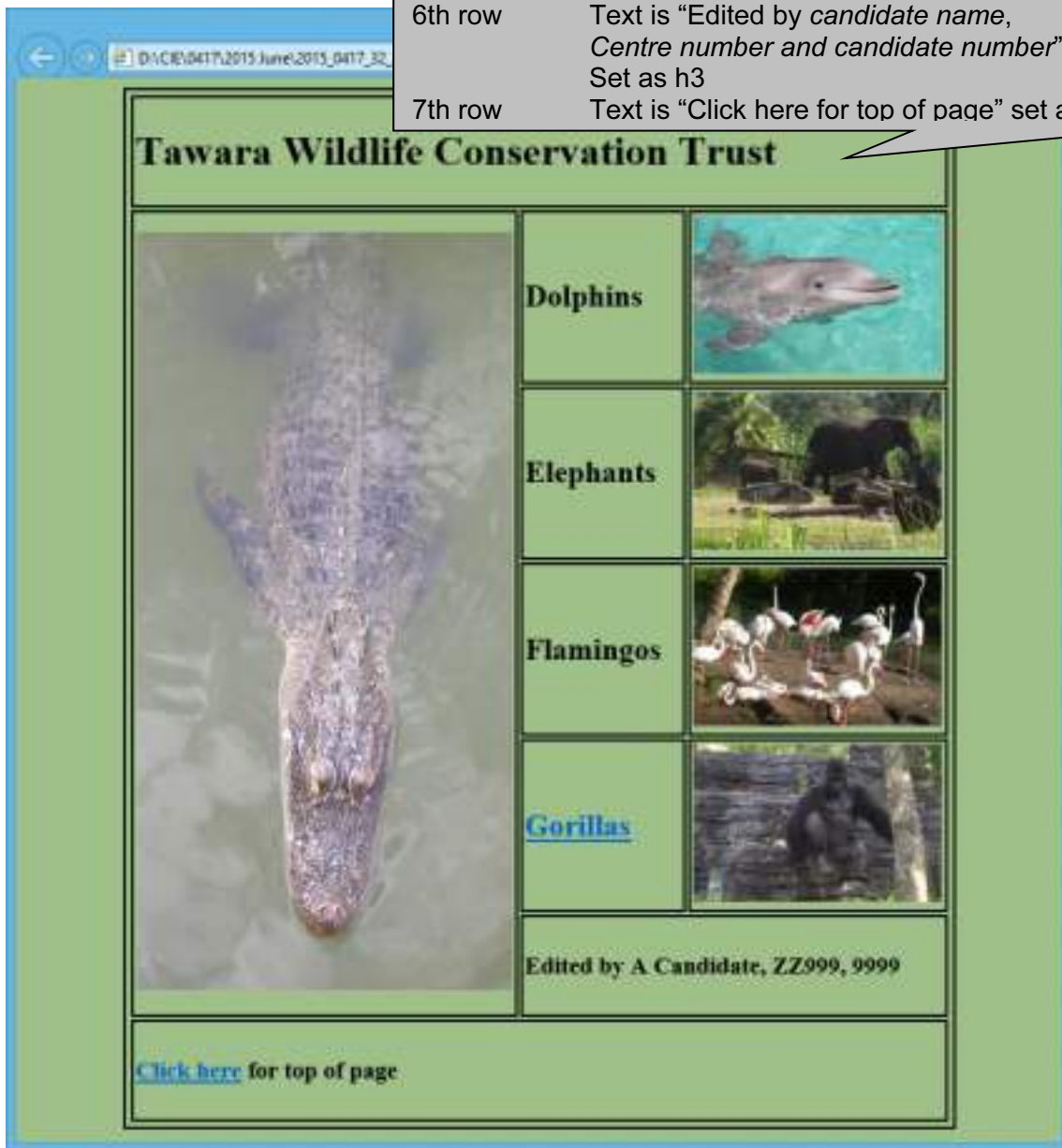
Cambridge is publishing the mark schemes for the May/June 2015 series for most Cambridge IGCSE<sup>®</sup>, Cambridge International A and AS Level components and some Cambridge O Level components.

| Page 2 | Mark Scheme                     | Syllabus | Paper |
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**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> ,<br><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 |



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

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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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|            |                                     |        |
|------------|-------------------------------------|--------|
| 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 |
|            | font-size:36px                      | 1 mark |
|            | text-align:center                   | 1 mark |
| h2         | color:#004200                       | 1 mark |
|            | font-family: "Myriad Pro Semibold", |        |
|            | Impact, sans-serif                  | 1 mark |
|            | font-size:20px                      | 1 mark |
|            | text-align:center                   | 1 mark |
| h3         | color:#000042                       | 1 mark |
|            | font-family:serif                   | 1 mark |
|            | 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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|                          |             |        |
|--------------------------|-------------|--------|
| 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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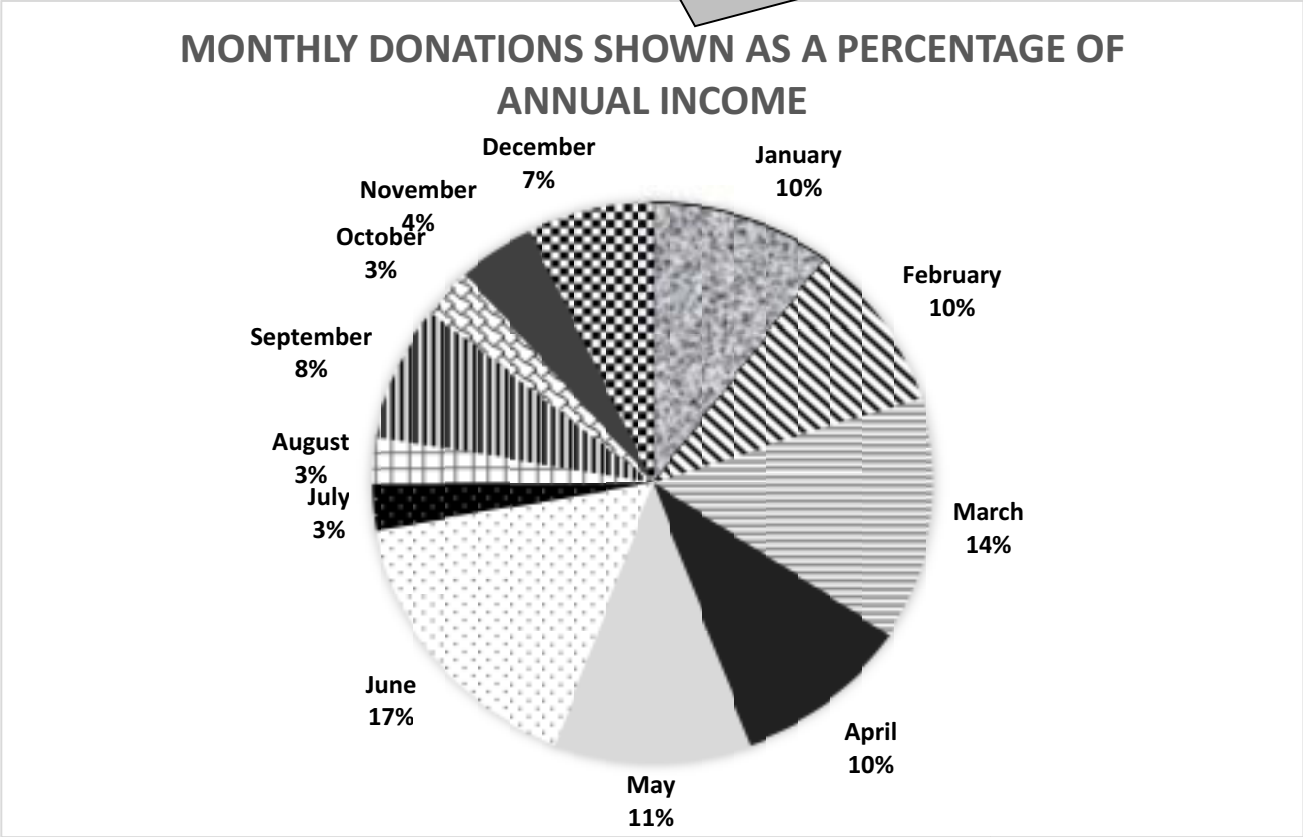
Step 23

```
<!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



|        |                                 |          |       |
|--------|---------------------------------|----------|-------|
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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) |              |              |              |              |              |              |              |               |

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|                                                |                                  |        |
|------------------------------------------------|----------------------------------|--------|
| 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 |

|        |                                 |          |       |
|--------|---------------------------------|----------|-------|
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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  | \$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  | \$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  | \$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 | \$540.55 | \$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 |

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|                |                                        |                 |              |
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### 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  | \$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   | \$86.52    | \$0.00    | \$1,477.67 | \$34.68  | \$358.30 | \$38.41  | \$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  | \$81.00      | \$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

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