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 October/November 2014 series for most Cambridge IGCSE®, Cambridge International A and AS Level components and some Cambridge O Level components.
<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>From:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Tawara Cycles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>1643 Briskway Avenue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Tawara</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>8765-120</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Invoice created by:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>A Candidate, XX999, 9999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Number of items</td>
<td>=COUNTA(B20:B24)</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Number of units</td>
<td>=SUM(E20:E24)</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Discount percentage rates</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Discount A</td>
<td>0.05</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Discount B</td>
<td>0.1</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Discount C</td>
<td>0.15</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Item</td>
<td>Item Code</td>
<td>Type</td>
</tr>
<tr>
<td>17</td>
<td>Trail Special</td>
<td>M0027</td>
<td>=VLOOKUP(LEFT(B20,1),Type,2,FALSE)</td>
</tr>
<tr>
<td>18</td>
<td>Roadster 3</td>
<td>R0021</td>
<td>=VLOOKUP(LEFT(B21,1),Type,2,FALSE)</td>
</tr>
<tr>
<td>19</td>
<td>Diamond Mountain</td>
<td>M0018</td>
<td>=VLOOKUP(LEFT(B22,1),Type,2,FALSE)</td>
</tr>
<tr>
<td>20</td>
<td>Trekkerz</td>
<td>H0044</td>
<td>=VLOOKUP(LEFT(B23,1),Type,2,FALSE)</td>
</tr>
<tr>
<td>21</td>
<td>Trekkerz Topper</td>
<td>H0046</td>
<td>=VLOOKUP(LEFT(B24,1),Type,2,FALSE)</td>
</tr>
<tr>
<td>22</td>
<td>Sub total</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Discount amount</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Invoice total</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit Cost</td>
<td>Lookup used</td>
<td>1 mark</td>
<td></td>
</tr>
<tr>
<td>-----------</td>
<td>-------------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td>Correct relative lookup reference</td>
<td>1 mark</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Correct absolute range</td>
<td>1 mark</td>
<td></td>
<td></td>
</tr>
<tr>
<td>…from external N14cost.csv</td>
<td>1 mark</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Correct return column</td>
<td>1 mark</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**F20**: Unit Cost × Units | 1 mark

**F26**: \(\text{SUM}(F20:F24)\) | 1 mark

Discount amount
- F26*
- Nested IF (2 or 3 tiers) | 1 mark
- IF B12<5 | 1 mark
- IF B12 >=5 AND <20 | 1 mark
- IF B12 >=20 | 1 mark
- References to B15, B16, B17 | 1 mark

**F28**: Sub total – Discount amount | 1 mark

© Cambridge International Examinations 2014
Invoice

From: Tawara Cycles
To: The Progressive School
1643 Briskway Avenue
637 Main Highway
Tawara
8765-120
8765-420

Invoice created by:
A Candidate, XX999, 9999

Number of items 5
Number of units 31

Discount percentage rates:
- Discount A: 5%
- Discount B: 10%
- Discount C: 15%

<table>
<thead>
<tr>
<th>Item</th>
<th>Item Code</th>
<th>Type</th>
<th>Unit Cost</th>
<th>Units</th>
<th>Item Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trail Special</td>
<td>M0027</td>
<td>Mountain</td>
<td>$1,369.00</td>
<td>5</td>
<td>$6,845.00</td>
</tr>
<tr>
<td>Roadster 3</td>
<td>R0021</td>
<td>Road</td>
<td>$487.00</td>
<td>5</td>
<td>$2,435.00</td>
</tr>
<tr>
<td>Diamond Mountain</td>
<td>M0018</td>
<td>Mountain</td>
<td>$224.00</td>
<td>10</td>
<td>$2,240.00</td>
</tr>
<tr>
<td>Trekkerz</td>
<td>H0044</td>
<td>Hybrid</td>
<td>$500.00</td>
<td>10</td>
<td>$5,000.00</td>
</tr>
<tr>
<td>Trekkerz Topper</td>
<td>H0046</td>
<td>Hybrid</td>
<td>$800.00</td>
<td>1</td>
<td>$800.00</td>
</tr>
</tbody>
</table>

Sub total: $17,320.00
Discount amount: $2,598.00
Invoice total: $14,722.00

Correct total: 1 mark
Rows 30 – 39 hidden: 1 mark
Single portrait page: 1 mark
All data & labels fully visible: 1 mark

© Cambridge International Examinations 2014
### Invoice

**From:**
Tawara Cycles  
1643 Briskway Avenue  
Tawara  
8765-120

**To:**
The Progressive School  
637 Main Highway  
Tawara  
8765-420

Invoice created by:  
A Candidate, XX999, 9999

**Number of different items:** 5  
**Number of Units:** 36

**Discount percentage rates:**  
Discount A 5%  
Discount B 10%  
Discount C 15%

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Unit Cost</th>
<th>Units</th>
<th>Item total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trail Special</td>
<td>M0027 Mountain</td>
<td>$1,369.00</td>
<td>5</td>
<td>$6,845.00</td>
</tr>
<tr>
<td>Roadster 3</td>
<td>R0021 Road</td>
<td>$487.00</td>
<td>10</td>
<td>$4,870.00</td>
</tr>
<tr>
<td>Diamond Mountain</td>
<td>M0018 Mountain</td>
<td>$224.00</td>
<td>10</td>
<td>$2,240.00</td>
</tr>
<tr>
<td>Trekkerz</td>
<td>H0044 Hybrid</td>
<td>$500.00</td>
<td>10</td>
<td>$5,000.00</td>
</tr>
<tr>
<td>Trekkerz Topper</td>
<td>H0046 Hybrid</td>
<td>$800.00</td>
<td>1</td>
<td>$800.00</td>
</tr>
</tbody>
</table>

**Sub total**  
$19,755.00

**Discount amount**  
$2,963.25

**Invoice total**  
$16,791.75

**Modelling Data changed** 1 mark  
**Total profit correct** 1 mark
**Invoice**

From: Tawara Cycles  
To: The Progressive School  
1643 Briskway Avenue  
637 Main Highway  
Tawara  
Tawara  
8765-120  
8765-420

Invoice created by:  
A Candidate, XX999, 9999

Number of different items: 5  
Number of Units: 36

Discount percentage rates  
Discount A: 7%  
Discount B: 12%  
Discount C: 18%

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Unit Cost</th>
<th>Units</th>
<th>Item total</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0027</td>
<td>Mountain</td>
<td>$1,369.00</td>
<td>5</td>
<td>$6,845.00</td>
</tr>
<tr>
<td>R0021</td>
<td>Road</td>
<td>$487.00</td>
<td>10</td>
<td>$4,870.00</td>
</tr>
<tr>
<td>M0018</td>
<td>Mountain</td>
<td>$224.00</td>
<td>10</td>
<td>$2,240.00</td>
</tr>
<tr>
<td>H0044</td>
<td>Hybrid</td>
<td>$500.00</td>
<td>10</td>
<td>$5,000.00</td>
</tr>
<tr>
<td>H0046</td>
<td>Hybrid</td>
<td>$800.00</td>
<td>1</td>
<td>$800.00</td>
</tr>
</tbody>
</table>

Sub total: $19,755.00  
Discount amount: $3,555.90  
Invoice total: $16,199.10

Modelling  
Model changed to give correct figure  
2 marks
<html>
<head>
<title>Tawara Cycles</title>
<link rel="stylesheet" type="text/css" href="N14table.css">
</head>
<body>
<p>A Candidate, XX999, 9999</p>
<table align="center">
<tr>
<td colspan = "3">
<img src="N14title.png" alt="Tawara Cycles Title Image">
<h1>Tawara Cycles</h1>
<h1>Great deals on bikes</h1>
</td>
</tr>
<tr>
<td colspan="3"><h2>This week only! We have special offers on a range of bikes to suit every need...</h2></td>
</tr>
<tr>
<td><h3>Road bike</h3>
<h3>Offer price $799</h3>
</td>
<td><h3>Hybrid</h3>
<h3>Offer price $899</h3>
</td>
<td><h3>Mountain bike</h3>
<h3>Offer price $959</h3>
</td>
</tr>
<tr>
<td><a href="roadbike.htm" target="_road">
<img src="N14031.jpg" width="180" alt="Road bike image">
</a></td>
<td><img src="N14032.jpg" width="180" alt="Hybrid bike image"></td>
<td><img src="N14033.jpg" width="180" alt="Mountain bike image"></td>
</tr>
<tr>
<td colspan="4"><p>If these offers do not get you on the road, we know that we can find the right bike for you.</p></td>
</tr>
</table>
</body>
</html>
To contact us, <a href="mailto:tc@cie.org.uk?subject=Website Offers">Click here</a> to email us, or ring us on 09780 0001001</p><br>
<p>Website design by <a href="http://www.hothouse-design.co.uk" target="_hothouse">Hothouse Design</a></p>
</table>
</body>
</html>
<html>
  <head>
    <link rel="stylesheet" type="text/css" href="N14table.css">
  </head>
  <body>
    <table align="center">
      <tr>
        <td colspan="2">
          <img src="N14title.png" alt="Tawara Cycles Title Image">
          <h1>Deals on wheels...</h1>
          <h1>Road bikes on special offer</h1>
          <p>Last edited by A Candidate, XX999, 9999</p>
        </td>
      </tr>
      <tr>
        <td><img src="N14031.jpg" width="180" alt="Road bike image">
          <ul>
            <li>Miran Argentia $799</li>
            <li>Miran Argentia A6 $799</li>
            <li>Miran Farifax $500</li>
            <li>Miran Ravenna Ladies $625</li>
            <li>Bienchi Sempra Veloce $320</li>
            <li>Bienchi Sempra Athena $3500</li>
          </ul>
        </td>
        <td>
          <p>To buy:</p>
          <ol>
            <li>Click the back button on your browser</li>
            <li>Contact us from the homepage</li>
            <li>We will guarantee a swift response</li>
            <li>Buy and <b>enjoy</b> your new bike</li>
          </ol>
        </td>
      </tr>
    </table>
  </body>
</html>
Evidence Document

Table stylesheet

/* A Candidate, XX999, 9999 */
/* Stylesheet for table styles */

```css
table {
  width: 80%;
  background-color: #FFFF00;
  border-collapse: collapse;
  border-width: 4px solid #000080;
}

td {
  text-align: center;
  border: 2px solid #000080;
  padding: 10px 20px;
}
```

Comment Candidate details 1 mark
Stylesheet for table styles 1 mark

Table

<table>
<thead>
<tr>
<th>Comment</th>
<th>Candidate details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table</td>
<td>width: 80%</td>
</tr>
<tr>
<td></td>
<td>background-color:</td>
</tr>
<tr>
<td></td>
<td>#FFFF00</td>
</tr>
<tr>
<td></td>
<td>border-collapse:</td>
</tr>
<tr>
<td></td>
<td>collapse</td>
</tr>
<tr>
<td></td>
<td>border-width: 4px</td>
</tr>
<tr>
<td></td>
<td>border-style:</td>
</tr>
<tr>
<td></td>
<td>solid</td>
</tr>
<tr>
<td></td>
<td>border-color:</td>
</tr>
<tr>
<td></td>
<td>#000080</td>
</tr>
<tr>
<td></td>
<td>text-align:</td>
</tr>
<tr>
<td></td>
<td>center</td>
</tr>
</tbody>
</table>

Table data

<table>
<thead>
<tr>
<th>Comment</th>
<th>Correct { and } and use of ;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>border-width: 2px</td>
</tr>
<tr>
<td></td>
<td>Border-style: solid</td>
</tr>
<tr>
<td></td>
<td>Border-color: #000080</td>
</tr>
<tr>
<td></td>
<td>padding</td>
</tr>
<tr>
<td></td>
<td>10px 20px</td>
</tr>
</tbody>
</table>

Named range Called Type A31 to B39 1 mark
Tawara Cycles

Great deals on bikes

This week only!
We have special offers on a range of bikes to suit every need...

Road bike
Offer price $799

Hybrid
Offer price $899

Mountain bike
Offer price $959

If these offers do not get you on the road, we know that we can find the right bike for you.

To contact us, Click here to email us, or ring us on 09780 0001001

Website design by Hothouse Design

© Cambridge International Examinations 2014