

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

June 2004

INTERNATIONAL GCSE

MARK SCHEME

MAXIMUM MARK : 72

SYLLABUS/COMPONENT : 0418/04

INFORMATION TECHNOLOGY

Formula:
 If Order Value >125 then use content of named cell 'eight', else used content of named cell 'five' * the content by Order Value
 Alignment not important
 Row/Column may not be the same as this example
 Must display the use of a named range

Formula:
 Order-Discount Value

Formula:
 Count the number of orders
 Alignment not important
 Row/Column may not be the same as this example
 #Do not penalise the use of named cells/ranges

Date	Company	Description	Order Value	Discount Value	Total
	Stokers			=IF(D5>125,eight*D5,five*D5)	=D5-E5
	Caprossi			=IF(D6>125,eight*D6,five*D6)	=D6-E6
	Aztec Supplies			=IF(D7>125,eight*D7,five*D7)	=D7-E7
	Kwik Mart			=IF(D8>125,eight*D8,five*D8)	=D8-E8
	Caprossi			=IF(D9>125,eight*D9,five*D9)	=D9-E9
	Russell Card			=IF(D10>125,eight*D10,five*D10)	=D10-E10
	Aztec Supplies			=IF(D11>125,eight*D11,five*D11)	=D11-E11
	Kwik Mart			=IF(D12>125,eight*D12,five*D12)	=D12-E12
	Russell Card			=IF(D13>125,eight*D13,five*D13)	=D13-E13
	Cooper Briggs			=IF(D14>125,eight*D14,five*D14)	=D14-E14
	Kwik Mart			=IF(D15>125,eight*D15,five*D15)	=D15-E15
	Stokers			=IF(D16>125,eight*D16,five*D16)	=D16-E16

Information Table		
Discount	0.05	0.08
Number of orders	=COUNTA(B5:B16)	

Marks to be deducted if incorrect:
 Main table and Information table created as shown (1) 12.1.1
 IF function used correctly to achieve right result (2) 12.1.4
 COUNT function used correctly (1) 12.1.4
 Named cell range 'eight' used (1) 12.1.3
 Named cell range 'five' used (1) 12.1.3
 Total formula correct (1) 12.1.3
 Both formulae replicated correctly (1) 12.1.1
 All of the formulae and labels are visible (1) 14.2.1
 Landscape orientation (1) 14.3.1
 Formulae printout present (2) 15.1.1
 Data fits on single page (1) 15.1.1

Replication:
 Both formulae correctly replicated

Page orientation landscape
 This printout must show formulae view
 Column width / row height must show all of formulae and labels

Format the results in the Order Value, Discount Value and Total columns to 2dp/currency displaying the \$

Date	Company	Description	Order Value	Discount Value	Total
15 June 2004	Stokers	Plastic Pockets	\$912.50	\$73.00	\$839.50
15 June 2004	Caprossi	Assorted Pens	\$125.00	\$6.25	\$118.75
28 June 2004	Aztec Supplies	A4 Ring Binders	\$375.00	\$30.00	\$345.00
01 July 2004	Kwik Mart	Notebooks	\$150.00	\$12.00	\$138.00
01 July 2004	Caprossi	Rubbers	\$30.00	\$1.50	\$28.50
01 July 2004	Russell Card	Cases	\$213.75	\$17.10	\$196.65
12 July 2004	Aztec Supplies	Lever Arch Files	\$337.00	\$26.96	\$310.04
12 July 2004	Kwik Mart	Keyrings	\$148.50	\$11.88	\$136.62
23 July 2004	Russell Card	A4 Ruled Paper	\$437.50	\$35.00	\$402.50
08 August 2004	Cooper Briggs	Assorted Cards	\$275.00	\$22.00	\$253.00
16 August 2004	Kwik Mart	Sticky Tape	\$80.00	\$4.00	\$76.00
08 September 2004	Stokers	File Separators	\$375.00	\$30.00	\$345.00

Information Table		
Discount	5%	8%
Number of orders	12	

Marks to be deducted if incorrect:

Data added 100% accurately (4) 12.1.2 deduct 1 mark per error
 Cells in Information Table formatted to % value and 0dp - values as shown (1) 14.1.1
 3 columns formatted to \$ and 2dp right aligned (1) 14.1.1
 All data fits on a single page (1) 14.3.1
 All data is visible (1) 14.2.1

Test data:
 First 4 columns must be 100% accurate

Format Discount data to % with 0 dp - values as shown
 Check the result of the count

Page orientation not specified
 This printout must show data and fit on a single page

Searching:
Company equal Aztec Supplies or Stokers and the
Order Value greater than 345
Only these three rows should be visible

Date	Company	Description	Order Value	Discount Value	Total
15 June 2004	Stokers	Plastic Pockets	\$912.50	\$73.00	\$839.50
28 June 2004	Aztec Supplies	A4 Ring Binders	\$375.00	\$30.00	\$345.00
08 September 2004	Stokers	File Separators	\$375.00	\$30.00	\$345.00

Marks to be deducted if incorrect:
Correct data extracted (2) 13.1.1

New web page called GMHOME.HTM
Does not need to be labelled

Heading – Style h1
From stylesheet, Red, sans-serif font,
largest text size, bold, centre aligned

Table created with 4 rows and 3 columns
Merge rows 1 and 2 in the 3rd column.
Merge rows 3 and 4 in the 3rd column.

E:\H_Drive\2_cambridge_ucles\new 2004\set b\worked\web\gmhome.htm

Gymnastic

Hyperlink created



[ABOUT US](#)

[PRODUCTS](#)

- [TREADMILL](#)
- [EXERCISE BIKE](#)
- [HOME GYM](#)
- [ROWING MACHINE](#)
- [STEPPER](#)
- [INCLINE PRESS](#)
- [ELLIPTICAL](#)

[WE DELIVER TO:](#)

- [BRUNEI](#)
- [GREECE](#)
- [ITALY](#)
- [MALAYSIA](#)
- [IRAN](#)

WHAT WE DO	We sell both commercial and home use gym equipment at a reasonable price.	
HOW WE DO THIS	Because we run several companies within various countries we are able to purchase the equipment we sell at a discount price. The saving we make we pass on to our customers.	
HOW YOU CAN ORDER	Our Head Office is in Greece, but we have outlets in Brunei, Greece, Italy, Malaysia and Prague.	
	You can order on-line through our website (see our order page) or by phone or fax. We also produce a comprehensive catalogue listing all our products.	

Style h2
From stylesheet, Bright Blue, serif font, bold, italic and middle text size, left aligned

SWAB4TRD.JPG
in this cell
Image should be centre aligned.

[WE HAVE BRANCHES AROUND THE WORLD AND WE CAN DELIVER WHEREVER WE HAVE A BRANCH. YOU CAN ALSO CALL IN AND PICK UP YOUR EQUIPMENT.](#)

Style h2

Style h3
From stylesheet, Bright blue, sans-serif font, smallest text size, left aligned

SWAB4STP.JPG
in this cell
Image should be centre aligned.
All image must be visible

Style h2

Menu contains SWWB4MEN.TXT – Style h2

[CONTACT DETAILS](#)

- Marks to be deducted if incorrect:
- All files downloaded (1) 16.1.1, 16.2.1
 - Styles created for h1, h2, h3 (3) 17.1.2
 - Fonts appear as specified (1) 17.1.3
 - Styles/tags used as specified (1) 17.1.4
 - Homepage created (1) 18.1.1
 - Menu added (1) 18.1.2
 - Hyperlink created (1) 18.2.1
 - Table created (1) 19.1.1
 - Rows 1 and 2, and 3 and 4 in the 3rd column merged (1) 19.1.3
 - Correct text appears in each cell. (1) 18.1.1
 - Image inserted (1) in correct position (1) 20.1.1

HTML code is likely to vary greatly from this example – only check for required elements.

```

<html>

<head>

<title>home page IVB</title>
<link rel="stylesheet" type="text/css" href="gym.css">
</head>

<body>

<h1>Gymnastic</h1>
<h2>About Us</h2>
<div align="right">
  <table border="3" width="72%" align="right">
    <tr>
      <td width="25%">
        <h2>What we do</h2>
      </td>
      <td>
        <h3>We sell both commercial and home use gym equipment at a reasonable
price.</h3>
      </td>
      <td>
        <p align="center"></td>
      </tr>
      <tr>
        <td>
          <h2>How we do this</h2>
        </td>
        <td>
          <h3>Because we run several companies within various countries we are able to
purchase the equipment we sell at a discount price. The saving we make we pass on to our
customers.</h3>
        </td>
      </tr>
      <tr>
        <td>
          <h2>Where we are based</h2>
        </td>
        <td>
          <h3>Our Head Office is in Greece, but we have offices in Brunei, Greece, Italy,
Malaysia and Prague.</h3>
        </td>
        <td>
          <p align="center"></td>
      </tr>
      <tr>
        <td>
          <h2>How you can order</h2>
        </td>
        <td>
          <h3>You can order on-line through our website or by phone or fax.<br>
<br>
We also produce a comprehensive catalogue listing all our products.</h3>
        </td>
      </tr>
    </table>
  </div>
<h2>Products</h2>
<h2><a href="swab4trd.htm" target="external">treadmill</a><br>
exercise bike<br>
home gym<br>
rowing machine<br>
stepper<br>
incline press<br>
</h2>

```

Marks to be deducted if incorrect:
External stylesheet attached (1) 17.1.1

External stylesheet attached to page
Any name can be used

Check for table border set to 3 point

Marks to be deducted if incorrect:
Border set to 3 (1) 19.1.2

SWAB4TRD.JPG in this cell
Image should be centre aligned.

SWAB4STP.JPG in this cell
Image should be centre aligned.

Marks to be deducted if incorrect:
Hyperlink opens in new window
EXTERNAL (1) 18.2.2

Reference from hyperlink 'treadmill'
to open AWAB4TRD.HTM in new
window called EXTERNAL

```
elliptical<br>
<br>
We deliver to:<br>
<br>
Brunei<br>
Greece<br>
Italy<br>
Malaysia<br>
Iran<br>
<br>
</h2>
<h2>&nbsp;</h2>
```

```
<h2>We have branches around the world and we can deliver wherever we have a branch. You
can also call in and pick up your equipment.<br>
```

```
<br>
```

```
<br>
```

```
<br>
```

```
Contact details</h2>
```

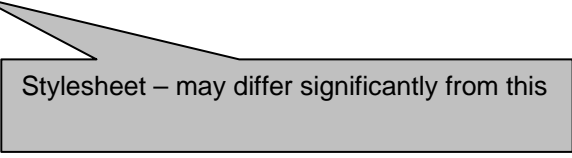
```
</body>
```

```
</html>
```

Marks to be deducted if incorrect:
Web page printed and complete (1) 21.1.1

Printout of Stylesheet should be included:

```
h1      { color: #FF0000; font-family: CG Omega; font-size: 36pt; text-align: Center;
font-weight: bold }
h2      { color: #0000FF; font-family: Charlesworth; font-size: 14pt; text-align: Left;
font-style: italic; font-weight: bold }
h3      { color: #0000FF; font-family: Arial; font-size: 12pt; text-align: Left }
```



Stylesheet – may differ significantly from this

Marks to be deducted if incorrect:
Printout of style sheet included (1) 21.1.1

Treadmills

MODEL 1

2.5 HP Continuous Duty Motor
0.6-10 MPH
Electronically controlled
Hand grip speed
Cushioned deck
3 pre-set programs

WALKING AREA - Average
POWER - Average
CUSHIONING - Average
RELIABILITY - Average
NOISE LEVEL - Below Average
QUALITY - Average
VALUE - Excellent
WARRANTY - Average

MODEL 2

3.5 HP Continuous Duty Motor
0.1-10 MPH
Optional Heart Rate Control
Electronically controlled
Hand grip speed
Cushioned deck
4 preset programs
Power elevation
0-15% Power Incline

WALKING AREA - Average
POWER - Good
CUSHIONING - Good
RELIABILITY - Average
NOISE LEVEL - Average
QUALITY - Good
VALUE - Excellent
WARRANTY - Good

Style h1, h2, h3 used
No specific instruction on
which text

SWABTRD.JPG in this
cell
Any vertical or
horizontal alignment is
acceptable Image
resized 500 pixels
width



Marks to be deducted if incorrect:
Image inserted in right cell (1) 20.1.1

Marks to be deducted if incorrect:
Styles applied (1) 17.1.4



Check this graphic has replaced the text

Marks to be deducted if incorrect:
Image replaced text (1) 20.1.2

External stylesheet attached to
this web page
Any name can be used

```
<html>
<head>
<link rel="stylesheet" type="text/css" href="gym.css">
</head>
<body>
<h1>Treadmills<br>
</h1>
<div align="left">
  <table border="1" width="937" height="700">
```

Marks to be deducted if incorrect:
External stylesheet applied (1) 17.1.4

```

<tr>
  <td width="407" height="700">

<h2>MODEL 1</h2>

<h3>
<br>
2.5 HP Continuous Duty Motor<br>
0.6-10 MPH<br>
Electronically controlled<br>
Hand grip speed<br>
Cushioned deck<br>
3 pre-set programs</h3>
<h3>WALKING AREA - Average<br>
POWER - Average<br>
CUSHIONING - Average<br>
RELIABILITY - Average<br>
NOISE LEVEL - Below Average<br>
QUALITY - Average<br>
VALUE - Excellent<br>
WARRANTY - Average<br>
</h3>
<h2>
MODEL 2<br>
</h2>
<h3>
3.5 HP Continuous Duty Motor<br>
0.1-10 MPH<br>
Optional Heart Rate Control<br>
Electronically controlled<br>
Hand grip speed<br>
Cushioned deck<br>
4 preset programs<br>
Power elevation<br>
0-15% Power Incline</h3>
<h3>WALKING AREA - Average<br>
POWER - Good<br>
CUSHIONING - Good<br>
RELIABILITY - Average<br>
NOISE LEVEL - Average<br>
QUALITY - Good<br>
VALUE - Excellent<br>
WARRANTY - Good<br>
</h3>

```

```

<p><br></td>
  <td width="514" height="700"></td>
</tr>
</table>
</div>

<h2>
<a href="gmhome.htm"></a>
</h2>

</body>

</html>

```

SWAB4TRD.JPG
Any vertical or horizontal alignment is acceptable
Image resized 500 pixels wide
Aspect ratio maintained

Marks to be deducted if incorrect:
Image resized (1) 20.2.1

Marks to be deducted if incorrect:
Image converted to GIF (1) 20.2.2
Hyperlink created (1) 18.1.2

Check for SWAB4ICO.GIF not .JPG
Check hyperlink from graphic to GMHOME.HTM

SLIDE 1

Marks to be deducted if incorrect:
Html printed for both pages (1) 21.1.1
Webpage printed (1) 21.1.1

Candidate's name and today's date:
Placed in top right quadrant of the screen
Colour black
Font size to be smallest text on the slide

Background:
Light blue
Must be consistent throughout all slides

1
2
3
4
5
6
7
8



Candidate Name & Date

Heading:
Dark blue, centred, large font between 50 & 68 point
Allow one data entry error

Pens4U

Stationery Suppliers

Logo:
Suitable clipart chosen
Placed in top left quadrant of the screen

Subheading:
Bright blue, centred, medium font between 36 & 48 point
Allow one data entry error

1
2
3
4
5
6
7
8

Introduce yourself and your role within the company.

Presenter Notes:
Must be printed with slide
Allow one data entry error

Marks to be deducted if incorrect:

Master slide:

Candidate name and date top right, black, small text, (1) 22.1.1

Heading formatted correctly, (1) 22.1.1

Subheading formatted correctly, (1) 22.1.1

Background light blue, (1) 22.1.1

Logo placed top left (1) 22.3.1

Logo not overlapping text (1) 22.3.1

If no image is present, 2 marks should be deducted

Text of heading entered correctly (1) 22.2.1

Text of subheading entered correctly (1) 22.2.1

SLIDE 2

Heading:
Dark blue, centred, large font between 50 & 68 point
Allow one data entry error

Background:
Light blue
Must be consistent throughout all slides

Logo:
Suitable clipart chosen
Placed in top left quadrant of the screen

Candidate's name and today's date:
Placed in top right quadrant of the screen
Colour black
Font size to be smallest text on the slide

Bulleted list:
Dark green, left aligned, small font between 16 & 34 point
Allow any bullet points – but must be present
Allow one data entry error

Line between heading and rest of data
Any form of line is acceptable

Vertical Bar Chart created from data with no legend:
10 Spiral notebooks 90
25 A4 ruled paper pads 57.50
25 Assorted A4 colour cards 75
Any form of chart is acceptable

We have a wide variety of products but keep our costs simple. Visit our website for special offers.

Presenter Notes:
Must be printed with slide
Allow one data entry error

Marks to be deducted if incorrect:

Chart created correctly with no legend (1) 22.3.2
Bulleted list added correctly and in right place related to chart (1) 22.2.1
Bulleted list formatted correctly (1) 22.1.1
Heading correct (1) 22.2.1
Line present (1) 22.3.3

From ARF:
Bullets animated (1) 23.2.1

SLIDE 3

Background:
Light blue
Must be consistent throughout all slides

Heading:
Dark blue, centred, large font between 50 & 68 point
Allow one data entry error

Candidate's name and today's date:
Placed in top right quadrant of the screen
Colour black
Font size to be smallest text on the slide

Logo:
Suitable clipart chosen
Placed in top left quadrant of the screen

Graphic:
Suitable clipart chosen
Placed to the right of the bulleted list

Candidate Name & Date

On-line services

- paper & card
- pens & pencils
- envelopes
- binders & files

Bulleted list:
Dark green, left aligned, small font between 16 & 34 point
Allow any bullet points – but must be present
Allow one data entry error

Presenter Notes:
Must be printed with slide
Allow one data entry error

The company provides this service locally.

Pick up the phone or visit our website.

Marks to be deducted if incorrect:
 Heading correct (1) 22.2.1
 Bulleted list added correctly and in right place (1) 22.2.1
 Presenter notes present on all pages (1) 22.2.1
 Presenter notes correct + in the right place on all slides (1) 22.2.1
 Clipart inserted correctly (1) 22.3.1

From ARF
 Slide transitions added (1) 23.1.1
 Slide animation added (1) 23.2.1