

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
Cambridge International Diploma in ICT
Foundation Level

CREATING CHARTS

5182/A

Optional Module: Practical Assessment

2006

No Additional Materials are required

**45 minutes
plus 15 minutes reading time**

READ THESE INSTRUCTIONS FIRST

Candidates are permitted **15 minutes** reading time before attempting the paper.

Make sure that your **name**, **centre number** and **candidate number** are **printed** on **each page** that you are asked to produce.

Carry out **every** instruction in each task.

Tasks are numbered on the left hand side of the page, so that you can see what to do, step by step. On the right hand side of the page for each task, you will find a box which you can tick (✓) when you have completed the task; this checklist will help you to track your progress through the assessment.

Before each printout you should proof-read the document to make sure that you have followed all instructions correctly.

At the end of the assignment put **all** your printouts into the Assessment Record Folder.

This document consists of **2** printed pages.



You work for a company called *Hothouse Design*. You are going to use sales data to create a number of charts.

PIE CHART

- | | | | |
|---|---|-------------------------------|----------------|
| 1 | Using a suitable software package, load the file FCHA6DAT.CSV | ✓
<input type="checkbox"/> | 1.1.1 |
| 2 | Produce a pie chart showing the number of <i>Sales 2005</i> for each <i>Product</i> | <input type="checkbox"/> | 3.1.1 |
| 3 | Include labels for each <i>Product</i> category and show the percentage for each of the segments. | <input type="checkbox"/> | 3.1.2
3.1.3 |
| 4 | Include Sales 2005 as the title. | <input type="checkbox"/> | 3.1.3 |
| 5 | Include your name on the chart. Save your work with a new filename. Print the chart ensuring that all labels are visible. | <input type="checkbox"/> | 4.1.1 |

BAR CHART

- | | | | |
|---|---|--------------------------|-------|
| 6 | Use the file FCHA6DAT.CSV to produce a bar chart which shows a comparison of <i>Sales 2004</i> and <i>Sales 2005</i> for each <i>Product</i> category. Do not include the data for <i>Average Price</i> , <i>Total Sales</i> and <i>Orders</i> | <input type="checkbox"/> | 3.2.1 |
| 7 | Include a title Sales Analysis
Show the names of the products on the category axis. Label the category axis Product
Label the value axis Number | <input type="checkbox"/> | 3.2.2 |
| 8 | Include a legend on the chart labelled to identify the two sets of data. | <input type="checkbox"/> | 3.2.2 |
| 9 | Include your name on the chart. Save your work with a new filename. Print the chart ensuring that all labels are visible. | <input type="checkbox"/> | 4.1.1 |

LINE GRAPH

- | | | | |
|----|--|--------------------------|-------|
| 10 | Use the file FCHA6DAT.CSV to produce a line graph which shows the number of sales for the period <i>May</i> to <i>October</i> only.

Include a title Monthly Sales | <input type="checkbox"/> | 3.3.1 |
| 11 | Show the months on the category axis.

Label the category axis Month

Label the value axis Value | <input type="checkbox"/> | 3.3.2 |
| 12 | Include your name on the chart. Save your work with a new filename. Print the chart ensuring that all labels are visible. | <input type="checkbox"/> | 4.1.1 |

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