



CREATING CHARTS

5182/A

Optional Module: Practical Assessment

2007

45 minutes plus 15 minutes reading time

Additional Materials: Candidate Source Files

READ THESE INSTRUCTIONS FIRST

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

Make sure that your **Centre number**, **candidate number** and **name** are clearly visible on **each printout** that you are asked to produce, before it is sent to the printer.

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 **3** 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 FCHA7DAT.CSV | ✓
<input type="checkbox"/> | 1.1.1 |
| 2 | Produce a pie chart showing only the number of <i>Coaster</i> packs sold for each <i>Code</i> | <input type="checkbox"/> | 2.1.1
3.1.1 |
| 3 | Include labels for each <i>Code</i> category and show the percentage for each of the segments. | <input type="checkbox"/> | 3.1.2
3.1.3 |
| 4 | Include Sales of Coasters as the title. | <input type="checkbox"/> | 3.1.3 |
| 5 | Include your name, candidate number and centre number on the chart. Save your work with a new filename. Print the chart making sure that all labels are visible. | <input type="checkbox"/> | 4.1.1 |

BAR CHART

- | | | | |
|---|--|--------------------------|-------------------------|
| 6 | Use the file FCHA7DAT.CSV to produce a bar chart, which shows a comparison of sales of <i>Flyers and Brochures</i> | <input type="checkbox"/> | 2.1.1
3.2.1
3.2.2 |
| | It should display sales to <i>Education</i> and sales to <i>Business</i> customers for each <i>Product Code</i> category. | | |
| | Do not include the data for <i>Total Sales</i> | | |
| | Include a title Sales Analysis | | |
| 7 | Show the names of the products on the category axis. Label the category axis Product Code | <input type="checkbox"/> | 3.2.2 |
| | Label the value axis Number | | |
| 8 | Include on the chart a legend that identifies the two sets of data as <i>Business</i> and <i>Education</i> | <input type="checkbox"/> | 3.2.2 |
| 9 | Include your name, candidate number and centre number on the chart. Save your work with a new filename. Print the chart making sure that all labels are visible. | <input type="checkbox"/> | 4.1.1 |

LINE GRAPH

- 10 Use the file **FCHA7DAT.CSV** to produce a line graph which shows the value of sales for the period *April to September* only. 2.1.1
3.3.1
3.3.2
- Include a title **Mid-Year Sales Trends**
- 11 Show the months on the category axis. 3.3.2
- Label the category axis **Month**
- Label the value axis **Value**
- 12 Include your name, candidate number and centre number on the chart. 4.1.1
Save your work with a new filename. Print the chart making sure that all labels are visible.

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