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

CREATING CHARTS   **5182/A**

Optional Module: Practical Assessment

2005

No Additional Materials are required

45 minutes
and 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 shown on each printout that you are asked to produce.
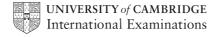
Carry out **every** instruction in each task.

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.

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International Examinations

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You work for a company called Hothouse Design. You are going to use data on world population to create a number of charts.

PIE CHART

                                                                        ✓

1   Using a suitable software package, load the file **FCCA5DAT.CSV**   ☐   **1.1.1**

2   Produce a pie chart showing the *Population* for each *Continent* in 2003. Do not include the *World Total.*   ☐   **2.1.1**

3   Include labels for each *Continent* and show the percentage for each of the segments.   ☐   **2.1.2** **2.1.3**

4   Include **World Population 2003** as the title.   ☐   **2.1.1**

5   Include your name on the chart. Save your work with a new filename and print the chart.   ☐   **3.1.1**

BAR CHART

6   Use the file **FCCA5DAT.CSV** to produce a bar chart which shows a comparison of *Population change* for each *Continent* for the years *2003* and *2005* only.   ☐   **2.2.1**

       Do not include the *2004* data. Do not include the *World Total* data.

7   Include **Population Growth** as the title.   ☐   **2.2.2**

       Show the names of the continents on the category axis. Label the category axis **Continent**

       Label the value axis **Millions**

8   Include a legend on the chart labelled with the two years to identify the two sets of data.   ☐   **2.2.2**

9   Include your name on the chart. Save your work with a new filename and print the chart.   ☐   **3.1.1**

LINE GRAPH

10   Use the file **FCCA5DAT.CSV** to produce a line graph which shows the projected world population growth only for January 2006 to July 2006.   ☐   **2.3.1**

       Include **Monthly Change 2006** as the title.

11   Show the months on the category axis.   ☐   **2.3.2**

       Label the category axis **Month**

       Label the value axis **Population**

12   Include your name on the chart. Save your work with a new filename and print the chart.   ☐   **3.1.1**

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

CREATING CHARTS **5182/B**

Optional Module: Practical Assessment

2005

45 minutes
No Additional Materials are required **and 15 minutes reading time**

READ THESE INSTRUCTIONS FIRST

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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.

You work for a company called Hothouse Design. You are going to use data on a client company's recent sales of phones to create a number of charts.

PIE CHART

✓

1 Using a suitable software package, load the file **FCCB5PPC.CSV** ☐ **1.1.1**

2 Produce a pie chart showing the value of *Sales 2004* for each *Continent* in *Q4* only. Do not include data for Q1, Q2 or Q3. ☐ **2.1.1**

3 Include labels for each *Continent* category and show the percentage for each of the segments. ☐ **2.1.2** **2.1.3**

4 Include **Sales Quarter Four** as the title. ☐ **2.1.1**

5 Include your name on the chart. Save your work with a new filename and print the chart. ☐ **3.1.1**

BAR CHART

6 Use the file **FCCB5PPC.CSV** to produce a bar chart which compares *Sales 2004* for Asia and America. Show all four quarters. Do not include data for Europe or Oceania. ☐ **2.2.1**

Include **Sales in Asia and America** as the title.

7 Show the names of the quarters on the category axis. Label the category axis **Quarter** ☐ **2.2.2**

Label the value axis **Millions**

8 Include a legend to identify *Asia* and *America* ☐ **2.2.2**

9 Include your name on the chart. Save your work with a new filename and print the chart. ☐ **3.1.1**

LINE GRAPH

10 Use the file **FCCB5PPC.CSV** to produce a line graph which shows the number of mobile phones sold in each month for the period April to September. Do not include numbers for January, February or March. ☐ **2.3.1**

Include **Monthly Sales** as the title.

11 Show the months on the category axis. ☐ **2.3.2**

Label the category axis **Month**

Label the value axis **Thousands**

12 Include your name on the chart. Save your work with a new filename and print the chart. ☐ **3.1.1**