CREATING CHARTS   **5182/A**

Optional Module: Practical Assessment

2003

45 minutes

No Additional Materials are required.

READ THESE INSTRUCTIONS FIRST

Make sure that your name, Centre number and candidate number are shown on each printout that you are asked to produce.
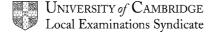
Carry out **every** instruction in each task.

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.

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You work for a company called Hothouse Design which organises ICT shows. You are going to use data on the events to create a number of charts.

PIE CHART

✓

1	Using a suitable software package, load the file **SHOW2003.CSV**	☐	**1.1.1**
2	Produce a pie chart showing the number of *Stands* for each *Product* at the show.	☐	**2.1.1**
3	Include labels for each *Product* category and show the percentage for each of the segments.	☐	**2.1.2** **2.1.3**
4	Include **Number of Stands** 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 **SHOW2003.CSV** to produce a bar chart which shows a comparison of *Visitors* and *Cost of Stands* for each *Product* category at the show. Do not include the *Stands*, *Staff* or *Average Visitors* data.	☐	**2.2.1**
	Include a title **Cost Analysis**		
7	Show the names of the products on the category axis. Label the category axis **Stands**	☐	**2.2.2**
	Label the value axis **Number / Cost**		
8	Include a legend on the chart labelled 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 **SHOW2003.CSV** to produce a line graph which shows the number of visitors who attended the shows for the years 1999 to 2003.	☐	**2.3.1**
	Include a title **Visitors to the Shows**		
11	Show the years on the category axis.	☐	**2.3.2**
	Label the category axis **Year**		
	Label the value axis **Number**		
12	Include your name on the chart. Save your work with a new filename and print the chart.	☐	**3.1.1**

CREATING CHARTS　　　　　　　　　　　　**5182/B**

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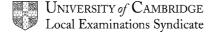
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You work for a company called Hothouse Design which offers an interior design consultancy. You are going to use data to create a number of charts.

PIE CHART

✓

1	Using a suitable software package, load the file **DES2003.CSV**	☐	**1.1.1**
2	Produce a pie chart showing the number of *Customers* for each *Product*.	☐	**2.1.1**
3	Include **Customers per Product** as the title.	☐	**2.1.1**
4	Show *Product* names as segment labels and the percentage for each segment.	☐	**2.1.2** **2.1.3**
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 **DES2003.CSV** to produce a bar chart which shows the *Overheads* and the *Cost* for each *Product*. Do not include the *Customers Sessions* or *Total* data. Include a title **Cost Analysis**	☐	**2.2.1**
7	Show the names of the products on the category axis. Label the category axis **Product** Label the value axis **Value**	☐	**2.2.2**
8	Include a legend on the chart labelled 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 **DES2003.CSV** to produce a line graph which shows the number of *Days* for each of the five weeks. Include a title **Workload**	☐	**2.3.1**
11	Show the names of the weeks on the category axis. Label the category axis **Period** Label the value axis **Days**	☐	**2.3.2**
12	Include your name on the chart. Save your work with a new filename and print the chart.	☐	**3.1.1**

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CAMBRIDGE INTERNATIONAL EXAMINATIONS
Cambridge Career Award in Information and Communications Technology
Foundation Level

CREATING CHARTS **5182/C**

Optional Module: Practical Assessment

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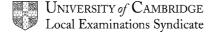
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You work for a company called Hothouse Design which offers training courses in programming languages. You are going to use data on the courses to create a number of charts.

PIE CHART

✓

1   Using a suitable software package, load the file **PROG2003.CSV**   ☐   **1.1.1**

2   Produce a pie chart showing the *Training Time* for all *Packages*.   ☐   **2.1.1**

3   Include **Training Summary** as the title.   ☐   **2.1.1**

4   Label the segments with the names of the *Packages* and show the percentage for each of the segments.   ☐   **2.1.2** **2.1.3**

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 **PROG2003.CSV** to produce a bar chart which shows *Overhead* costs for all *Packages*. Do not include *Training Time*, *Cost* or *Total*. Include a title **Overhead per Package**   ☐   **2.2.1**

7   Show the names of the *Packages* on the category axis. Label the category axis **Packages**

Label the value axis **Cost**   ☐   **2.2.2**

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

LINE GRAPH

9   Use the file **PROG2003.CSV** to produce a comparative line graph which shows the work per month for *Year 2001* compared with *Year 2003*. Do not include the *Year 2002* data. Include a title **Comparison between 2001 and 2003**   ☐   **2.3.1**

10   Show the names of the months on the category axis. Label the category axis **Months**

Label the value axis **Days**   ☐   **2.3.2**

11   Include a legend on the chart labelled to identify the two sets of data.   ☐   **2.3.2**

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