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

DATABASE OPERATIONS **5185/A**

Optional Module: Practical Assessment

2005

**45 minutes
and 15 minutes reading time**

No Additional Materials are required

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

[Turn over

You work for an international company called Hothouse Design.

You are going to work on a database of paint stocks.

The database has the field names: Code, Finish, Base, Colour, Litres, Stock, Cost and Value

1 Start your database package and import the file **FDBA5TIN.CSV**   ✓ ☐ 1.1.1

   Make sure that the field names above are used in your database.

2 Add the record: ☐ 1.2.1

Code	Finish	Base	Colour	Litres	Stock	Cost	Value
CRWM-10	**Matt**	**Water**	**White**	**10**	**100**	**10**	**1000**

3 The size in Litres for Stock *Code CRBE-05* was entered incorrectly.   ☐ 2.1.1

   Change the *Litres* for *Code CRBE-05* (*Eggshell Blue*) from *5* to **10**

   Change the *Code* from *CRBE-05* to **CRBE-10** for this record.

4 The record with the *Code CRGE-05* (*Eggshell Green*) is to be transferred to   ☐ 2.2.1
   our city shop, so needs to be deleted.

   Delete the record for *Code CRGE-05*

You need to produce a list of white water based paints in stock.

5 Find all the **Water** based paints which are **White**   ☐ 3.1.1
                                                                     3.2.2
   Sort by *Code* in ascending order.   3.2.3
                                                                     4.1.1
   Show all the fields.

6 Produce a report with the heading **Water Based Paints** and which lists only   ☐ 4.1.1
   the data you have extracted and sorted in step 5.

7 Save this report with a new filename and print it.   ☐ 5.1.1

You need to produce a report listing oil-based paints where levels of stock are low.

8 From all the data, select all stock items where the *base* is *Oil* and the *Stock*   ☐ 3.2.1
   is **less than 300**   3.2.3
                                                                                           4.1.1
   Show only the fields *Code, Finish, Colour, Litres* and *Stock*.

9 Produce a report with the heading **Low Stock Items** which lists only the   ☐ 4.1.1
   data you have extracted in step 8. Make sure that all required data is shown
   in full.

10 Save this report with a new filename and print it.   5.1.1

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DATABASE OPERATIONS　　　　　　　　　　**5185/B**

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You work for an international company called Hothouse Design.

You are going to work on a database of worldwide sales of mobile telephones.

The database has the field names: Continent, Region, Motorola, Ericsson, Nokia, Philips and Samsung

			✓	
1	Start your database package and import the file **FDOB5SALE.CSV**	☐	**1.1.1**

Make sure that the field names above are used in your database.

2 Add the record: ☐ **1.2.1**

Continent	Region	Motorola	Ericsson	Nokia	Philips	Samsung
Asia	**Western**	**66000**	**60000**	**75000**	**54000**	**45000**

3 Sales figures for Central America need to be revised. ☐ **2.1.1**

Replace sales for *Samsung* in Central America with **62500**

4 The sales figures for Caribbean are included with Central America. ☐ **2.2.1**

Delete the record for *Caribbean*

You need to produce a list of selected Nokia sales.

5 Find all the records where *Nokia* is **greater than 70,000** and **less than 140,000** ☐ **3.2.1** **3.1.1** **3.2.3**

Sort by *Continent* in ascending order and then by *Region* in ascending order.

Show all the fields.

6 Produce a report with the heading **High Sales Regions** and which lists only the data you have extracted and sorted in step 5. ☐ **4.1.1**

7 Save this report with a new filename and print it. ☐ **5.1.1**

You need to produce a report of total sales for all the world except America.

8 From all the sales data select all regions **except** those where the continent is **America** ☐ **3.2.2**

Show all the fields.

9 Produce a report with the heading **Rest of the World** which lists only the data you have extracted in step 8. Make sure that all required data is shown in full. ☐ **4.1.1**

10 Save this report with a new filename and print it. ☐ **5.1.1**