RELATIONAL DATABASES   **5205/A**

Optional Module: Practical Assessment   **2007**

1 hour 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.

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 **4** printed pages.

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[Turn over

You are going to prepare a report which shows details of afternoon cruises on Tawara Orchid.

✓

5   From all the records, select only the **Afternoon** cruises which were on ☐   **3.1.2**
Tawara Orchid

6   Prepare and print a grouped report which: ☐   **4.1.1**
- has a report header **Afternoon Cruises on Tawara Orchid** **4.1.2**
- groups the data by *Season* **4.1.3**
- shows the *Season* as a group header **5.1.1**
- has detail rows displaying *Date, TimeOfDay, Price, Passengers*
- shows the total income for each season (sum of price multiplied by passengers for each cruise)
- displays your name and today's date at the end

Your report may look something like this:

Afternoon Cruises on Tawara Orchid

Autumn			**Price**	**Passengers**	
	10/01/2007	Afternoon	99.99	999	
					99999.99
Spring			**Price**	**Passengers**	
	10/01/2007	Afternoon	99.99	999	
	10/01/2007	Afternoon	99.99	999	
	10/01/2007	Afternoon	99.99	999	
					99999.99
Summer			**Price**	**Passengers**	
	10/01/2007	Afternoon	99.99	999	
	10/01/2007	Afternoon	99.99	999	
					99999.99
Winter			**Price**	**Passengers**	
	10/01/2007	Afternoon	99.99	999	
	10/01/2007	Afternoon	99.99	999	
	10/01/2007	Afternoon	99.99	999	
					99999.99

John Smith 10 January 2007

You are now going to prepare a report which summarises some information about the number of passengers per season on each ferry.

         ✓

7   From all the records, select details of the trips on each ferry. Include only the fields *FerryName*, *Season, Passengers* ☐ **4.1.1**

8   Using this data, create a cross-tab (pivot table) which shows *Ferry* as row labels and *Season* as column headings. Show the total number of passengers per ferry per season. ☐ **4.2.1**

9   Add the title **Summary – Trips per ferry**, your name and today's date to the report and then print it. ☐ **5.1.1**

    Your report may look something like this:

Summary – Trips per ferry				
Ferry	**Autumn**	**Spring**	**Summer**	**Winter**
Tawara Iris	9999	9999	9999	9999
Tawara Lotus	9999	9999	9999	9999
Tawara Orchid	9999	9999	9999	9999
Tawara Rose	9999	9999	9999	9999
Tawara Violet	9999	9999	9999	9999

John Smith 10 February 2007

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