Errata

CD Notes
The Chapter 5 and Chapter 25 folders contain a shortcut. The file that the shortcut is supposed to point to is the file in the Requirements Gathering Form folder. Please use that file if the shortcut does not work properly.

Text Corrections

Exercise 3.4: Creating a Group Sorted Report, page 55

Step 1 should read as follows.

1. Repeat steps 1–6 of Exercise 3.2, except in step 5 add the Salary field in addition to the Position, Employee ID, Last Name, and First Name. Click Next. The Summaries screen will appear with two summaries already added.

Exercise 3.7: Creating a Filtered Report, page 59

Step 1 should read as follows.

1. Complete steps 1–5 of Exercise 3.7. The Grouping screen will be displayed; do not add any groups. Click Next.

Database Files, page 520

Native connections to database files no longer require that you use indexed fields for linking and no longer use a left outer join as the default join type.

This is a change from earlier versions of Crystal Reports.
Chapter 29, Answer 3, page 821

3. **b.** Setting the Allow Table Joins Override property for a Data Foundation to True allows you to override the linking in any **Business Views that are created from the Business Elements that use that Data Foundation.** You can never override the linking in Crystal Reports.

Text Clarifications

Chapter 9, Question 8, page 317

You can format a field embedded in a text object by selecting the object, right-clicking, and choosing the format `{fieldname}` option. This question could probably be worded better. It is specifically asking about how you can format a field (and only the field, not the entire text object) that is embedded in a text object. You can format the entire contents of a text object by simply selecting the text object, right-clicking and choosing the format option. However, to format only part of the contents of the text object, you must put the text object in edit mode, select the specific text or embedded field that you want to format and then right-click and select the format option for the selected text or embedded field object. In this way, the different parts of the text object can have different formatting.

Exam Corrections
The following exam question numbers are not meaningful. The questions displayed in the simulator are randomized, so I cannot give a specific number.

1) What is the result when you subtract one date field from another?
   
   A. A number of days  
   B. An error  
   C. A date  
   D. A number of seconds  

   The correct answer is A.

2) You have a report where the Employee ID must be displayed as string starting with "EID" and ending with a five digit Employee ID. There should be no space in the result. All Employee IDs are less than three digits. How can you accomplish this?
A. "EID"&ToText({Employee.Employee ID};"00000")
B. ToText({Employee.Employee ID};"EID00000")
C. "EID"&ToText({Employee.Employee ID};"#####")
D. "EID"&ToText({Employee.Employee ID};"###00")

The correct answer is A.

3) You are working with data where the Name field contains a person's entire name (First Middle Last). You need to extract the last name and display it in all uppercase. How can you accomplish this?

A. local StringVar Array Names:= Split ({Customer.Customer Name};" ");
   ProperCase(Names[UBound(Names)]);
B. local StringVar Array Names:= Split ({Customer.Customer Name};" ");
   UPPERCASE(Names[UBound(Names)]);
C. local StringVar Array Names:= Split ({Customer.Customer Name};" ");
   ProperCase(Names[Count(Names)]);
D. local StringVar Range Names:= Split ({Customer.Customer Name};" ");
   UPPERCASE(Names[Count(Names)]);

The correct answer is B.

4) You have a report that displays orders by employee for a user selectable date range. There is a group on the Employee ID. You need to compute the average order amount per day for the selected range. Which of the following formulas will fill the need? See Figure 1 for table structures.

A. Sum ({Orders.Order Amount}; {Employee.Employee ID})/
   (Maximum ({Orders.Order Date}; {Employee.Employee ID})
   -Minimum ({Orders.Order Date}; {Employee.Employee ID})+1)
B. Average ({Orders.Order Amount}; {Employee.Employee ID})
C. Average ({Orders.Order Amount}; {Employee.Employee ID},"daily")
D. Sum ({Orders.Order Amount}; {Employee.Employee ID})/
   (Maximum ({r})-Minimum ({r})+1)

The correct answer is D.

Exam Clarifications
5) Which type of report requirements cover whether the report will be viewed via Crystal Enterprise or via an application?

A. Environmental Requirements
B. Business Needs
C. Technical Requirements
D. User Requirements

C or D could be correct. User requirements deal with how the user interacts with a report. Technical requirements deal with the actual construction and deployment of the report object. In this case, it could be either depending on your point of view.