

# Database Design – Final Exam Study Guide

Name \_\_\_\_\_ Date \_\_\_\_\_

## Part I Directions: Answer each question.

1. What are the benefits the Oracle 10g Database Environment provides for business?  
Oracle's 10g database management system gives businesses the ability to coordinate and share computing, application, data, storage, or network resources across dynamic and geographically dispersed organizations and in turn save time, resources and money.
2. What services and products does Oracle provide?  
Information Technology services and products.
3. What is a relational database?  
A relational database is a group of data stored in tables that are related by means of a common field.
4. What is the difference between application and system software? Provide an example.  
Systems software consists of low-level programs designed to interact with the computer hardware. Application Software is the code that allows end users to interact with computers, like for instance Firefox for browsing the internet, Microsoft Word for writing documents, Application Express for developing applications and also for accessing and manipulating data in an Oracle Database.
5. How is data extracted from the database?  
Data is extracted from the database by the SELECT statement.
6. Name two benefits of a career portfolio?
  - To organize the many details of one's experiences
  - To help with goal setting
7. What is the difference between a projection, a selection, and join statement?
  - Use the projection capability in SQL to choose the columns in a table.
  - Use the selection capability in SQL to choose the rows in a table.
  - Use the join capability in SQL to choose the columns from more than one table.
8. How are all rows in a table selected? Provide an example.  
SELECT \*  
FROM employees;
9. How are only specific rows in a table selected? Provide an example.  
SELECT employee\_id, last\_name  
FROM employees  
WHERE salary < 3000;
10. What is a query? Provide an example.  
A query is a search for specific data to help make a decision. Examples will vary.

# Database Design Final Exam Study Guide Answers

**D Keegan**



## **Database Design Final Exam Study Guide Answers:**

This book delves into Database Design Final Exam Study Guide Answers. Database Design Final Exam Study Guide Answers is a vital topic that must be grasped by everyone, from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Database Design Final Exam Study Guide Answers, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
    - Chapter 1: Introduction to Database Design Final Exam Study Guide Answers
    - Chapter 2: Essential Elements of Database Design Final Exam Study Guide Answers
    - Chapter 3: Database Design Final Exam Study Guide Answers in Everyday Life
    - Chapter 4: Database Design Final Exam Study Guide Answers in Specific Contexts
    - Chapter 5: Conclusion
  2. In chapter 1, this book will provide an overview of Database Design Final Exam Study Guide Answers. The first chapter will explore what Database Design Final Exam Study Guide Answers is, why Database Design Final Exam Study Guide Answers is vital, and how to effectively learn about Database Design Final Exam Study Guide Answers.
  3. In chapter 2, this book will delve into the foundational concepts of Database Design Final Exam Study Guide Answers. This chapter will elucidate the essential principles that must be understood to grasp Database Design Final Exam Study Guide Answers in its entirety.
  4. In chapter 3, the author will examine the practical applications of Database Design Final Exam Study Guide Answers in daily life. This chapter will showcase real-world examples of how Database Design Final Exam Study Guide Answers can be effectively utilized in everyday scenarios.
  5. In chapter 4, the author will scrutinize the relevance of Database Design Final Exam Study Guide Answers in specific contexts. The fourth chapter will explore how Database Design Final Exam Study Guide Answers is applied in specialized fields, such as education, business, and technology.
  6. In chapter 5, the author will draw a conclusion about Database Design Final Exam Study Guide Answers. The final chapter will summarize the key points that have been discussed throughout the book.
- This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Database Design Final Exam Study Guide Answers.

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