*Database Management System Exercise*

**WHAT HAVE YOU LEARNT?**

Chapter 42: Introduction to Microsoft Office Access 2007

**EXERCISE # 86 - R.**

**THEORY SECTION**

**INSTRUCTION**: Complete all the questions.

1. Database can be grouped into two main groups:
   1. List them. **(2 marks)**
   2. Explain each. **(2 marks)**
   3. Give ONE example of each. **(2 marks)**
2. Correctly define the term Database. **(1 mark)**
   1. List THREE types of database. **(3 marks)**
3. Explain the acronym DMS in your own words. **(2 marks)**
   1. State TWO limitations and TWO advantages of DMS. **(4 marks)**
   2. Define In your own words the term Relation Database. **(1 mark)**
4. The following are terms associated with Database: Table, Record, Tuple, attribute, and Entity.
   1. Explain each in your own words briefly. **(5 marks)**
   2. Give ONE example of each. **(5 marks)**
5. There are several keys associated with a DMS.
   1. What is a key in database? **(1 mark)**
   2. List THREE main types of keys. **(3 marks)**
   3. Explain each in your own words. **(6 marks)**
   4. State TWO difference between each. **(6 marks)**
6. State the name of TWO other type of key in database. **(2 marks)**
7. Sketch THREE diagrams showing examples of the THREE main types of keys in database. **(15 marks)**

**TOTAL 60 MARKS**