1. Define the term data.

Ans…..Data is the Stored Representations of Any objects and Events .

.

2. Explain what is meant by the term database.

Ans …..Database is the collection of Information that is organized so that it can be easily manage , accessed and update data.

.

3. Explain what is meant by a DBMS.

Ans…..It is the software system that is used to create ,maintain and provide excess or control to user database.

4. Name some database products and their vendors.

Ans….

Products :- Access (Jet,MSDE),Adabas D,Datacom,MySQL,Non Stop SQL.

Vendors:- Microsoft,Software AG,Computer Accociates

,Freeware,Tandem.

5. What is meant by information? Differentiate information from data

.

Ans. Data can be any character, text, words, number, pictures, sound, or video and, if not put into context, means little or nothing to a human. However, information is useful and usually formatted in a manner that allows it to be understood by a human.

6. Explain what is meant by metadata. Give two examples of data and metadata. What does metadata include? What does metadata not include?

Ans. Data that provide information about other data like properties , context of user data etc.

Examples of data : a CD may include metadata providing information about singer, artist , musician etc.

A digital image that include size, date ,pixles , color depth, shutter speed etc.

Example of matadata : documents and multimedia etc.

It includes size, date created , date of modification etc stuff.

It does not include editing , saving, viewing the data etc.

1.5.2 Multiple Choice - Select one correct answer

Questions marked™ are from TestGen

1. All of the following are primary purposes of a database management system (DBMS) EXCEPT:™

Ans. (d) updating data

2. Software used to create, maintain, and provide controlled access to databases is called

Ans. (c) Database Management System (DBMS)

1.5.3 Short answer questions

1. Processed data is called \_\_\_\_\_\_\_\_\_

Ans . Information

2. Data in a table is stored in the form of\_\_\_\_\_

And\_\_\_\_\_\_\_.

Ans. Rows and Colums

3. Description of properties of data is called\_\_\_\_\_\_\_

Ans. Database