

9/11/23

1. Create and Label Query window 13.17 Figure and explain each field of design grid. (page 227)
2. Create a table ACCESSORIES and insert the following records

ACCESSORIES			
SNO	NAME	Price	ID
A01	Mother Board	12000	S01
A02	Hard Disk	5000	S01
A03	Keyboard	500	S02
A04	mouse	300	S02
A05	Scanner	1300	S01

1. To create the above table.

```
CREATE TABLE ACCESSORIES
(SNO CHAR(4),
NAME VARCHAR(20),
PRICE FLOAT,
ID CHAR);
```

2. To insert the above records.

```
INSERT INTO ACCESSORIES
VALUES ('A01', 'mother Board', 12000,
'S01');
```

3. Display all the records of the table Accessories.

```
SELECT * FROM ACCESSORIES;
```

4. Display records of all those accessories whose price is greater than equal to 5000.

```
SELECT * FROM ACCESSORIES  
WHERE Price >= 5000;
```

5. Display records of the table in ascending order of price.

```
SELECT * FROM ACCESSORIES  
ORDER BY Price;
```

6. Display records from table where Accessory name is mother board.

```
SELECT * FROM ACCESSORIES  
WHERE "NAME" = 'mother Board';
```

Ch-17: Introduction to Instant Messaging

A. Select the correct option.

1. b. ICQ
2. b. IM
3. b. I Seek You
4. b. Application based
5. a. Web based

B. Write T for True and F for False.

1. True
2. True
3. False
4. True

C. Answer the following questions.

1. Instant Messaging (often called IM) refers to real-time communication with the user at the other end through an application called **Instant Messenger**. Most of the instant messengers use client-server model where messages from a user are sent to the server first and then forwarded to the intended recipient.

IM usually takes place between two users and follows back-and-forth style of communication, i.e., a user can type a short message and send it easily by clicking on the Send button.

Nowadays, a wide variety of IMs (WhatsApp, Google Hangouts, Facebook, and Skype) are available that provide people with the facility of sending text, audio chat, video calling and conferencing, and file transfer. For using audio and video call or conferencing, users must have microphones, headsets or speakers, and web cameras, so that they can talk or see each other.

2. Following are the key features of instant messaging:

- It is faster than any other mode of communication.
- Users can connect to IM regardless of their location.
- Users can communicate with each other as per their suitable time.
- A user can make a group of people to chat with them in one go.
- Users can share the screen using the Screen Sharing feature. This feature is available in most of the instant messengers.

3. Google Hangouts application is available for installation on both Android and iOS platforms. You can also use Google Hangouts on your computer or laptop by using a browser, such as Google Chrome.

4. The four instant messaging applications are:

- Hangouts
- Skype
- WhatsApp
- Hangout

Ch-18: Chatting Using Google Hangouts

Ch-13 Retrieving Data Using Queries

A. Select the correct option.

1. a 2. b 3. a 4. b 5. a

B. Fill in the blanks.

1. Query Wizard 2. Alias 3. Or 4. Wildcards 5. SQL

C. Answer the following questions.

1. A query is a database object that enables you to retrieve records from one or more tables of the database or different databases that meet a specific condition or criteria.
2. Following are the two queries views:
 - Query Design View
 - The SQL View
3. The Query Wizard guides you to create a query based on selected table. It is the easiest method for beginners.

The Query Design View gives you more control over a query. It allows you to create a query from the scratch.

4. SQL is a language that allows you to make queries to define the data structure and manipulate the data in the database. A user can create and manipulate (insert new data, delete data, select and update data) the database anytime by using the Structured Query Language (SQL) commands.
5. DDL commands are used to define and modify the structure of a database whereas DML commands allow the users to manipulate data in the database.

Ch-14 Working with Forms and Reports

A. Select the correct option.

1. a 2. c 3. c 4. b 5. b

B. Write T for True and F for False.

1. T 2. F 3. T 4. T 5. T

C. Answer the following questions.

1. A form holds different fields of a table that you use to enter and modify the data in the database. Using form, you can add or edit one record at a time. It is a convenient and an interactive way of entering data, but not an appropriate tool for every data entry.
2. To launch the Form Wizard, click on the **Forms** in the **Database Objects** pane. Then, select the **Use Wizard to Create Form** option in the **Database Tasks** pane.
3. Yes. To change the name of labels, follow these steps:
 - Right-click on the created form and select **Edit**. You will switch into the **Design Mode** of the form. Choose a label that you wish to modify.
 - Double-click on it. The **Properties: Label Field** dialog box opens. Here, enter a new name in the **Name** property.
4. A report is a summary of your database. It is an effective way to organise and summarise the data for viewing and printing. It consists of information obtained from tables or queries, and presented as per the user's requirements.
5. A static report always displays the same data from the time when the static report was created. A dynamic report generates the result of the report from the current table data. This means that if you have some updated data in the table that feeds the report, then the report will change accordingly.