

# Computer Science - ICS Part 2 Computer Science Chapter 5 Short Questions Preparation

## Q1. Differentiate Between Query and Report.

**Ans 1:** Query: Query is a statement that extracts specific information from database. It is created by specifying the fields to display from a table or another query. It is more flexible way of selecting, filtering and sorting records.

**Ans 2:** Reports: Reports are used to retrieve the data from database and present it on screen in a predefined format. Report do not allow user to challenge data or to enter data into database.

### Q2. Define the term RDBMS.

Ans 1: RDBMS is stand for Relational Database management System. A relational database management system (RDBMS) is a program that lets you create, update, and administer a relational database. Most commercial RDBMS use the Structured Query Language (SQL) to access the database, although SQL was invented after the development of the relational model and is not necessary for its use.

### Q3. Define two database objects.

## Ans 1: 1) Database Objects:

a) Forms: The form object of database is used to enter data into database, edit data and view data from database. You can add, updates and delete records in your table by using a form,

**b) Reports:** The Reports object of database is used to retrieve and present data in a formatted way. The report can be printed. Some reports are simply a list of the records in the database, one record after the other.

### Q4. Define Scroll Bar .

**Ans 1:** Scroll bars are used to move around the window if its contents do not fit on-screen.you can scroll around the sheet by clicking the scroll arrows at either end of the scroll bar by dragging the scroll buttons in the scroll bar.

## Q5. What is Database Wizard?

**Ans 1:** Database Wizards make very easy to create a database. You can choose from several examples of database in the Database Wizard for the such storage uses as contact information, inventory control, a ledger, and so on. you can create and then modify these database to meet your own needs.

## Q6. Define the term Redundancy.

**Ans 1:** MS-Access allows you to store, retrieve, sort, analyze, and print information contained in the database. Data may be manipulated without data redundancy by defining relationship between set of data. Database are often used for product data. Redundancy means duplication of data in multiple files. It wastes the storage media of computer.

## Q7. What is Query?

**Ans 1:** Query is a statement that extracts specific information from database. It is created by specifying the fields to display from a table or another query .It is more flexible way of selecting, filtering and sorting records.

#### Q8. Enlist two Uses of Form.

#### Ans 1: Uses of Form:

- 1) An Easy method for entering and editing data in tables. Thus the user does not have to work directly with tables.
- 2) Facilities to display data retrieved from database tables.
- Q9. Differentiate between Menu bar and Toolbar.

Ans 1: Menu Bar: Each word on the menu bar represents a different menu. Each menu contains the commands you use to activate features of access. If a command is also found on a toolbar then the icon representing the command is displayed the menu too. This makes recognizing command easier.

**Ans 2:** Tool Bar: Toolbar contains icon button that are shortcuts to the commands in the menu. Toolbar make it easy to use the Programs most common feature and functions. The buttons on the toolbar can change depending objects selected.

# Q10. Differentiate Between Forms And Reports?

**Ans 1:** Forms: The Form object of database is used to enter data into database, edit data and view data from database. You can add, update, and delete records in your table by using a form

**Ans 2:** Reports: The Report object of database is used to retrieve and present data in a formatted way. The report can be printed. Some reports are simply a list of the records in the database, one record after the other. Most of the popular DBMS provide this facility. The output of the query can also be given as input source to reports.