

Computer Science - ICS Part 2 Computer Science Chapter 6 Short Questions Preparation

Q1. Write two table views in MS- Access.

Ans 1: Following are two types of table views in MS-Access:

1)Design View: Design view allows you to define fields in the table before adding data to datasheet.

2) Datasheet View: When you open a table or query using the database window, it will be displayed in datasheet view. The Datasheet view is like worksheet.

Q2. List Some Advantages of Query.

Ans 1: 1) High Speed

2) Well Defined Standards Exist \

- 3) No Coding Required
- 4) Emergence of RDBMS

Q3. Write down the use of filters in MS-Access.

Ans 1: Filtering is useful way to see only the data that you want displayed. You can use filters to display specific records in a form, report, query, or datasheet or to print only certain records from a report, table, or query. By applying a filter, you are able to limit the data in a view without altering the design of the underlying object. There are the following method are available for filtering.

- 1) Filter by Selection
- 2) Filter by Form

Q4. List Some Advantages of Query.

Ans 1: 1) High Speed

- 2) Well Defined Standards Exist \
- 3) No Coding Required
- 4) Emergence of RDBMS

Q5. List Some Advantage of IDE .

Ans 1: 1) Less Time and Effort: The entire purpose of an IDE is to make developing faster and easier. Its tools and features are supposed to help you organized resources, prevent mistakes, and provide shortcuts.

- 2) Enforce Project or Company Standards: Simply by working in the same development environment, a group of programmers will adhere to a standard way of doing things. Standard can be further enforced if the IDE offers predefined templates, or if code libraries are shared between different team members working on the same project.
- 3) **Project Management :** This can be twofold .First many IDEs have documentation tools that either automate the entry of developer comments, or many actually force developers too write comments in different areas. Second, simply by having a visual presentation of resources. It should be a lot easier to know how an application is laid out as opposed to traversing the file system for arcane files in the file system.

Q6. Define Degree of Relation.
Ans 1: The number of field in a relation is called the degree of a table. Once the table is created, its degree usually does not change, e.g. A table with five fields has a degree of 5.
Q7. Name three methods for creating tables in MS-Access.
Ans 1: 1) Creating Table in Design view 2) Creating Table by using wizard 3) Creating table by entering data
Q8. Create a query in Design View .
 Ans 1: Following steps are to create a query in Design View. 1) From the queries page on the Database Window, click the 'New' button. 2) Select Design View and click Ok. 3) Select tables and exciting queries from the Tables and Queries Tabs and click the Add Button to add each one to the new query. 4) Click Close When all of the tables and queries have been selected.
Q9. What is the use of Input Mask?
Ans 1: An input mask controls the value of a record and set it in a specific format. They are similar to the format property, but instead display the format on the datasheet before the data is entered. For Example, a telephone number field can be formatted with an input mask to accept ten digits in the form "(555) 123-4567". The blank field would look like()
Q10. Define Integrated Development Environment (IDE).?
Ans 1: IDE stands For Integrated Development Environment Information. It is an interface that is used to create a database. An IDE makes the using of database simple, manageable for end users who may not have a complicate programming Knowledge of the database system.