

Computer Science - ICS Part 2 Computer Science Chapter 1 Short Questions Preparation

Q1. Enlist different types of database models.

Ans 1: There are three types of database models:

1. Hierarchical Model
2. Network Model
3. Relational Model

Q2. What is file?

Ans 1: A collection of related records treated as a single unit is called file or data set. If we collect records of all the employees, it becomes a file of all employees of the bank.

Q3. State the use of query language.

Ans 1: Normally SQL (Standard Query Language) is used for creating table structure, entering data into them and updating/retrieving the selected records based on the particular criteria and format indicated, within the database. Typically the query is in the form of sentence or English like command i.e. SELECT, DELETE, MODIFY, CREATE, UPDATE and INSERT commands.

Q4. What is meant by Reproduction?

Ans 1: Data may be transferred from one location or operation to another, for further processing. It is something necessary to copy or to make duplicate of data. This activity is called Reproduction.

Q5. Define program file with example.

Ans 1: Program file: These files contain the software instructions i.e. source program files and executable files. These source program files may have the extension as .com and executable files as .exe.

Q6. List Different objectives of Database.

Ans 1: There are at least three main objectives for using the database organization.

1. Data integration
2. Data integrity
3. Data independence

Q7. Why is report generator used in database system?

Ans 1: A reporter generator is a program that is used to produce an on-screen or printed documents from the database. The report format can be specified in advance i.e row heading, column heading, page header etc. Even the non-expert can create very useful and attractive reports by using this facility.

Q8. Write any two objectives of Data base management system.

Ans 1: Shareability: Different people and different processes must be able to use same actual data virtually the same time.
Availability: Both the data and the DBMS which delivers the data must be easily accessible to the users.

Q9. Discuss the use of design view in MS-Access.

Ans 1: Access Form creates the user interface to your table. Although you can use Datasheet to perform many of the same functions as forms, Forms are used as an alternative way to enter data into a database table. It provides a different way of viewing table data. Access enables us to create forms that can be used to enter, maintain, view, and print data.

Q10. Define information.

Ans 1: The manipulated and the processed data is called information. e.g the percentage of the student result.
