

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

Q1. Define Data.

Ans 1: Data is a collection of raw facts, figures and statistics related to an object that can be processed to produce meaningful information.

Q2. Write any two advantages of database management.

Ans 1: Data Independence: Application are not aware of the physical implementation of the data sets. The DBMS sets in between the application programs and the actual data sets that make the database.
Support Complex Data Relationship: Fairly complex data structure can be designed which allow various ways to logically view or access the data. This complexity greatly enhance the ability of a designer to put data and provide a path to that data whenever needed,

Q3. Describe Capturing Data.

Ans 1: Data must be recorded or captured in some form before it can be processed. Data may first be recorded on source documents or given directly through input devices.

Q4. 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.

Q5. List the files types from functional point of view.

Ans 1:

1. Program File
2. Data File
3. ASCII/Text File
4. Image File
5. Audio File
6. Video File

Q6. 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.

Q7. 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.

Q8. 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.

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.
