

MCQ Question: Which of the following is a physical storage media?

Options:

1. Tape Storage
2. Optical Storage
3. Flash memory
4. All of the mentioned

Correct Answer: All of the mentioned

MCQ Question: The _____ is the fastest and most costly form of storage, which is relatively small; its use is managed by the computer system hardware.

Options:

1. Cache
2. Disk
3. Main memory
4. Flash memory

Correct Answer: Cache

MCQ Question: Which of the following stores several gigabytes of data but usually lost when power failure?

Options:

1. Flash memory
2. Disk
3. Main memory
4. Secondary memory

Correct Answer: Main memory

MCQ Question: The flash memory storage used are

Options:

1. NOR Flash
2. OR Flash
3. AND Flash
4. All of the mentioned

Correct Answer: NOR Flash

MCQ Question: _____ is increasingly being used in server systems to improve performance by caching frequently used data, since it provides faster access than disk, with larger storage

capacity than main memory.

Options:

1. Flash memory
2. Disk
3. Main memory
4. Secondary memory

Correct Answer: Flash memory

MCQ Question: Which is the cheapest memory device in terms of costs/ bit?

Options:

1. Semiconductor memory
2. Magnetic disks
3. Compact disks
4. Magnetic tapes

Correct Answer: Compact disks

MCQ Question: The primary medium for the long-term online storage of data is the _____ where the entire database is stored on magnetic disk.

Options:

1. Semiconductor memory
2. Magnetic disks
3. Compact disks
4. Magnetic tapes

Correct Answer: Magnetic disks

MCQ Question: Optical disk _____ systems contain a few drives and numerous disks that can be loaded into one of the drives automatically (by a robot arm) on demand.

Options:

1. Tape Storage
2. Jukebox
3. Flash memory
4. All of the mentioned

Correct Answer: Jukebox

MCQ Question: There are "record-once" versions of the compact disk and digital video disk, which can be written only once; such disks are also called _____ disks.

Options:

1. Write-once, read-many (WORM)
2. CD-R
3. DVD-W
4. CD-ROM

Correct Answer: Write-once, read-many (WORM)

MCQ Question: Tape storage is referred to as _____ storage.

Options:

1. Direct-access
2. Random-access
3. Sequential-access
4. All of the mentioned

Correct Answer: Sequential-access

MCQ Question: In the _____ normal form, a composite attribute is converted to individual attributes.

Options:

1. First
2. Second
3. Third
4. Fourth

Correct Answer: First

MCQ Question: A table on the many side of a one to many or many to many relationship must:

Options:

1. Be in Second Normal Form (2NF)
2. Be in Third Normal Form (3NF)
3. Have a single attribute key
4. Have a composite key

Correct Answer: Have a composite key

MCQ Question: Tables in second normal form (2NF):

Options:

1. **Eliminate all hidden dependencies**
2. Eliminate the possibility of a insertion anomalies
3. Have a composite key
4. Have all non key fields depend on the whole primary key

Correct Answer: Eliminate all hidden dependencies

MCQ Question: Which-one of the following statements about normal forms is FALSE?

Options:

1. BCNF is stricter than 3 NF
2. Lossless, dependency -preserving decomposition into 3 NF is always possible
3. **Loss less, dependency – preserving decomposition into BCNF is always possible**
4. Any relation with two attributes is BCNF

Correct Answer: Loss less, dependency – preserving decomposition into BCNF is always possible

MCQ Question: Functional Dependencies are the types of constraints that are based on_____

Options:

1. **Key**
2. Key revisited
3. Superset key
4. None of the mentioned

Correct Answer: Key

MCQ Question: Which of the following is generally used for performing tasks like creating the structure of the relations, deleting relation?

Options:

1. DML(Data Manipulation Language)
2. Query
3. Relational Schema
4. **DDL(Data Definition Language)**

Correct Answer: DDL(Data Definition Language)

MCQ Question: Which of the following provides the ability to query information from the database and insert tuples into, delete tuples from, and modify tuples in the database?

Options:

1. **DML(Data Manipulation Language)**

2. DDL(Data Definition Language)
3. Query
4. Relational Schema

Correct Answer: DML(Data Manipulation Language)

MCQ Question: The given Query can also be replaced with_____:

Options:

1. Select name,course_id from teaches,instructor where instructor_id=course_id;
2. **Select name, course_id from instructor natural join teaches;**
3. Select name, course_id from instructor;
4. Select course_id from instructor join teaches;

Correct Answer: Select name, course_id from instructor natural join teaches;

MCQ Question: Which one of the following given statements possibly contains the error?

Options:

1. select * from emp where empid = 10003;
2. select empid from emp where empid = 10006;
3. select empid from emp;
4. **select empid where empid = 1009 and Lastname = 'GELLER';**

Correct Answer: select empid where empid = 1009 and Lastname = 'GELLER';

MCQ Question: Ready the Query carefully: SELECT emp_name FROM department WHERE dept_name LIKE ' _____ Computer Science'; In the above-given Query, which of the following can be placed in the Query's blank portion to select the "dept_name" that also contains Computer Science as its ending string?

Options:

1. &
2. _
3. **%**
4. \$

Correct Answer: %

MCQ Question: What do you mean by one to many relationships?

Options:

1. One class may have many teachers

2. One teacher can have many classes
3. Many classes may have many teachers
4. Many teachers may have many classes

Correct Answer: One teacher can have many classes

MCQ Question: In the following Query, which of the following can be placed in the Query's blank portion to display the salary from highest to lowest amount, and sorting the employs name alphabetically? SELECT * FROM instructor ORDER BY salary ____, name ____;

Options:

1. Ascending, Descending
2. Asc, Desc
3. Desc, Asc
4. All of the above

Correct Answer: Desc, Asc

MCQ Question: A Database Management System is a type of _____ software.

Options:

1. It is a type of system software
2. It is a kind of application software
3. It is a kind of general software
4. Both A and C

Correct Answer: It is a type of system software

MCQ Question: The term "FAT" is stands for_____

Options:

1. File Allocation Tree
2. File Allocation Table
3. File Allocation Graph
4. All of the above

Correct Answer: File Allocation Table

MCQ Question: Which of the following can be considered as the maximum size that is supported by FAT?

Options:

1. 8GB

2. 4GB
3. 4TB
4. None of the above

Correct Answer: 4GB

MCQ Question: The term "NTFS" refers to which one of the following?

Options:

1. New Technology File System
2. New Tree File System
3. New Table type File System
4. Both A and C

Correct Answer: New Technology File System

MCQ Question: Which of the following can be considered as the maximum size that is supported by NTFS?

Options:

1. 4GB
2. 16TB
3. 64TB
4. 8TB

Correct Answer: 4GB

MCQ Question: A huge collection of the information or data accumulated from several different sources is known as _____:

Options:

1. Data Management
2. Data Mining
3. Data Warehouse
4. Both B and C

Correct Answer: Data Warehouse

MCQ Question: Which of the following can be used to extract or filter the data & information from the data warehouse?

Options:

1. Data redundancy

2. Data recovery tool
3. Data mining
4. Both B and C

Correct Answer: Data mining

MCQ Question: Which one of the following refers to the copies of the same data (or information) occupying the memory space at multiple places.

Options:

1. Data Repository
2. Data Inconsistency
3. Data Mining
4. Data Redundancy

Correct Answer: Data Redundancy
