

CS403 Question No: 31

What is Ordering field?

Answer:-

Answer: Ordering field means to sort the cells or field in ascending or descending order.

CS403 Question No: 32

Which clause is used to sort the records in the result set?

Answer:- (Page 219)

The ORDER BY clause allows you to sort the records in your result set.

CS403 Question No: 33 (M a r k s : 2)

What is the major benefit of HASH partitioning?

Answer:- (Page 189)

hash partitioning reduces the chances of unbalanced partitions to a large extent

CS403 Question No: 34 (M a r k s : 2)

How can we prevent deadlocks for concurrent Transactions?

Answer:- rep

CS403 Question No: 35 (M a r k s : 3)

State the major disadvantage of creating and using index.

Answer:- rep

CS403 Question No: 36 (M a r k s : 3)

Write any three factors which we consider while defining key in designing an indexed sequential file?

Answer:- rep

CS403 Question No: 37 (M a r k s : 3)

How do you select all records from the table using SQL statements? Write the syntax.

Answer:- [Click here for detail](#)

SELECT * FROM table_name

CS403 Question No: 38 (M a r k s : 5)

How can a VIEW be used for security measures?

Answer:- (Page 280)

Views can be used as security mechanisms by allowing users to access data through the view, without granting the users permissions to directly access the underlying base tables of the view.

CS403 Question No: 39

(M a r k s : 5)

In which situation do you prefer DELETE command to delete a table instead of using DROP command?

Answer:- rep

CS403 Question No: 40

(M a r k s : 10)

Write four advantages and four disadvantages of De-normalization.

Answer:- [Click here for detail](#)

Table 18.1 Advantages and disadvantages of denormalization

Advantages	Disadvantages
Can improve performance by: <ul style="list-style-type: none">■ precomputing derived data;■ minimizing the need for joins;■ reducing the number of foreign keys in relations;■ reducing the number indexes (thereby saving storage space);■ reducing the number of relations.	May speed up retrievals but can slow down updates. Always application-specific and needs to be re-evaluated if the application changes. Can increase the size of relations. May simplify implementation in some cases but may make it more complex in others. Sacrifices flexibility.

CS403 Question No: 41

(M a r k s : 10)

Explain and differentiate the two types of application users:

- Intermediate
- Expert

Answer:- (Page 242)

Intermediate:-

For most systems, the majority of users fall into the intermediate category. Intermediate users know what the system does, but they often forget the details of how. This is the group you must support directly in the user interface. Fortunately, the Microsoft Windows interface provides a lot of tools for helping these users. A well-designed menu system is one of the best tools for reminding intermediate users of the system capabilities. A quick scan of the available menu items will immediately remind them of the functions available and at the same time allow them to initiate the appropriate task.

Experts:-

Expert users know what to do and how to do it. They're primarily interested in doing things quickly. The more shortcuts you can build into your system, the happier you will make this group of users. In my experience, expert users tend to be keyboard-oriented, so make sure that you provide a way to move around the system using the keyboard if you're catering to this group. Expert users also appreciate the ability to customize their working environment. Providing this functionality can be an expensive exercise, however, so you will want to carefully evaluate the benefit before including it.