

VU Quiz Collection

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VU Quiz Collection

Total Quizzes: 10

Courses: CS403

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Quiz 1 - CS403

Question:

2nd Normal Form is based on which of the following dependency?

Options:

A. Partial dependency

B. Reflexive dependency

C. Transitive dependency

D. Full functional dependency

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Quiz 2 - CS403

Question:

Suppose $A \twoheadrightarrow B$, then which of the following is valid Functional dependency for

Options:

A. $AD \twoheadrightarrow B$

B. $A \twoheadrightarrow C$

C. $AC \twoheadrightarrow BC$

D. $AB \twoheadrightarrow C$

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Quiz 3 - CS403

Question:

If a relation CLASS (crid, stld, stName, fld, room, grade) has following Functional Dependencies:

$crid, stld \twoheadrightarrow stName, fld, room, grade$

which of the following functional dependency is in above functional dependency?

Options:

- A. Reflexive dependency
- B. Transitive dependency
- C. Squencial dependency

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D. Partial dependency

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Quiz 4 - CS403

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Question:

In projection operation, any duplicate values are_____.

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Options:

- A. Grouped

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B. Eliminated

- C. Selected
- D. Copied

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Quiz 5 - CS403

Question:

Suppose a relation named STUDENT contains attributes St_name, St_cgpa, cur_semester and st_roll. Which of the following query will be used to SELECT all those student records having cgpa greater than 3.0?

Options:

A. $\tilde{A} c g p a > 3 . 0 (S T U D E N T)$

B. $\tilde{A} c g p a > 3 . 0 (S T U D E N T)$

C. $! \& c g p a > 3 . 0 (S T U D E N T)$

D. ϵ gpa>3.0 (STUDENT)

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Quiz 6 - CS403

Question:

A relation is in second normal form if and only if _____ and all the non key attributes are fully functionally dependent on the key.

Options:

- A. It is not in first normal form
- B. It has inconsistent data

C. It is in first normal form

- D. It has multivalued attributes

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Quiz 7 - CS403

Question:

Suppose a relation named EMPLOYEE contains attributes Emp_name, Emp_designation, Emp_address and Emp_salary. Which of the following query will be used to SELECT all those employees whose designation is Admin officer?

Options:

- A. \tilde{O} designation = 'Admin officer' (EMPLOYEE)
- B. \pm designation = 'Admin officer' (EMPLOYEE)
- C. | designation = 'Admin officer' (EMPLOYEE)
- D. \tilde{A} designation = 'Admin officer' (EMPLOYEE)**

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Quiz 8 - CS403

Question:

In functional dependency, if one attribute is determinant of all other attributes of the relation then the relation has at least _____.

Options:

A. Secondary key

B. Super key

C. Random key

D. Relational key

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Quiz 9 - CS403

Question:

Which of the following are unary operators?

Options:

A. UNION and PROJECT

B. SELECT and CARTESIAN

C. SELECT and PROJECT

D. PROJECT and CARTESIAN

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Quiz 10 - CS403

Question:

Which of the following option is true for union commutative?

Options:

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A. $A \cup B = B \cup A$

B. $A \cup B = A \cap B$

C. $B \cap A = B \cup A$

D. $A \cap B = A \cup B$

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