

To answer these multiple choice questions, refer to the tables in the JustLee Books database.

1. Which query identifies customers living in the same state as the customer named Leila Smith?

a. `SELECT customer# FROM customers`

`WHERE state = (SELECT state FROM customers`

`WHERE lastname = 'SMITH');`

b. `SELECT customer# FROM customers`

`WHERE state = (SELECT state FROM customers`

`WHERE lastname = 'SMITH'`

`OR firstname = 'LEILA');`

c. `SELECT customer# FROM customers`

`WHERE state = (SELECT state FROM customers`

`WHERE lastname = 'SMITH'`

`AND firstname = 'LEILA'`

`ORDER BY customer);`

d. `SELECT customer# FROM customers`

`WHERE state = (SELECT state FROM customers`

`WHERE lastname = 'SMITH'`

`AND firstname = 'LEILA');`

2. Which of the following is a valid SELECT statement?

a. `SELECT order# FROM orders`

`WHERE shipdate = SELECT shipdate FROM orders`

`WHERE order# = 1010;`

b. `SELECT order# FROM orders`

`WHERE shipdate =(SELECT shipdate FROM orders)`

`AND order# = 1010;`

c. SELECT order# FROM orders

WHERE shipdate =(SELECT shipdate FROM orders

WHERE order# = 1010);

d. SELECT order# FROM orders

HAVING shipdate =(SELECT shipdate FROM orders

WHERE order# = 1010);

3. Which of the following operators is considered a single-row operator?

a. IN

b. ALL

c. <>

d. <>ALL

4. Which of the following queries determines which customers have ordered the same books

as customer 1017?

a. SELECT order# FROM orders

WHERE customer# = 1017;

b. SELECT customer# FROM orders

JOIN orderitems USING(order#)

WHERE isbn =(SELECT isbn FROM orderitems

WHERE customer# = 1017);

c. SELECT customer# FROM orders

WHERE order# =(SELECT order# FROM orderitems

WHERE customer# = 1017);

d. SELECT customer# FROM orders

JOIN orderitems USING(order#)

WHERE isbn IN (SELECT isbn FROM orderitems

JOIN orders USING(order#)

WHERE customer# = 1017);

5. Which of the following statements is valid?

a. SELECT title FROM books

WHERE retail < (SELECT cost FROM books

WHERE isbn = '9959789321');

b. SELECT title FROM books

WHERE retail = (SELECT cost FROM books

WHERE isbn = '9959789321' ORDER BY cost);

c. SELECT title FROM books

WHERE category IN (SELECT cost FROM orderitems

WHERE isbn = '9959789321');

d. none of the above statements

6. Which of the following statements is correct?

a. If a subquery is used in the outer query's FROM clause, the data in the temporary table can't be referenced by clauses used in the outer query.

b. The temporary table created by a subquery in the outer query's FROM clause must be assigned a table alias, or it can't be joined with another table by using the JOIN keyword.

c. If a temporary table is created through a subquery in the outer query's FROM clause, the data in the temporary table can be referenced by another clause in the outer query.

d. none of the above

7. Which of the following queries identifies other customers who were referred to JustLee Books by the same person who referred Jorge Perez?

a. SELECT customer# FROM customers

WHERE referred = (SELECT referred FROM customers

WHERE firstname = 'JORGE'

AND lastname = 'PEREZ');

b. SELECT referred FROM customers

WHERE (customer#, referred) = (SELECT customer#

FROM customers WHERE firstname = 'JORGE'

AND lastname = 'PEREZ');

c. SELECT referred FROM customers

WHERE (customer#, referred) IN (SELECT customer#

FROM customers WHERE firstname = 'JORGE'

AND lastname = 'PEREZ');

d. SELECT customer# FROM customers

WHERE customer# = (SELECT customer#

FROM customers WHERE firstname = 'JORGE'

AND lastname = 'PEREZ');

8. In which of the following situations is using a subquery suitable?

a. when you need to find all customers living in a particular region of the country

b. when you need to find all publishers who have toll-free telephone numbers

c. when you need to find the titles of all books shipped on the same date as an order placed by a particular customer

d. when you need to find all books published by Publisher 4

9. Which of the following queries identifies customers who have ordered the same books as

customers 1001 and 1005?

a. SELECT customer# FROM orders

JOIN books USING(isbn)

WHERE isbn =(SELECT isbn FROM orderitems

JOIN books USING(isbn)

WHERE customer# = 1001 OR customer# = 1005));

b. SELECT customer# FROM orders

JOIN books USING(isbn)
WHERE isbn < ANY(SELECT isbn FROM orderitems
JOIN books USING(isbn)
WHERE customer# = 1001 OR customer# = 1005));

c. SELECT customer# FROM orders
JOIN books USING(isbn)
WHERE isbn =(SELECT isbn FROM orderitems
JOIN orders USING(order#)
WHERE customer# = 1001 OR 1005));

d. SELECT customer# FROM orders
JOIN orderitems USING(order#)
WHERE isbn IN (SELECT isbn FROM orders
JOIN orderitems USING(order#)
WHERE customer# IN (1001, 1005));

10. Which of the following operators is used to find all values greater than the highest value returned by a subquery?

- a. >ALL
- b. <ALL
- c. >ANY
- d. <ANY
- e. IN