Started on	Friday, 11 February 2022, 3:31 PM
State	Finished
Completed on	Friday, 11 February 2022, 3:45 PM
Time taken	13 mins 6 secs
Grade	**6.50** out of 10.00 (**65**%)

Question **1**
Complete
Mark 1.00 out of 1.00

Based on the internet book store database system implemented in Lab 3, execute the following insert query and select the correct justification.

insert into Orderbook values('A1236',c5',6,'2012-04-30');

There can be one or more correct answers. Mark all correct answers.

- ☐ a. Error because same book cannot be ordered by multiple customers (c1 has already ordered same book).
- ☑ b. No error
- ☐ c. Error because oisbn is a primary key and so should be unique (The book 'A1236' is already ordered by some customer).
- ☐ d. Error because same book cannot be ordered by same customer multiple times (c5 has already ordered this book).

The correct answer is:

No error

Question **2**
Complete
Mark 2.00 out of 2.00

Based on the internet book store database system implemented in Lab 3, execute the following insert query and select the correct justification.

insert into Orderbook values('A1234',c1',4,'2013-10-01');

- ☐ a. Error because oisbn and ocid is a composite primary key. Thus same book is already ordered by 'c1'.
- ☐ b. No error
- ☑ c. Error because same book is ordered by another customer on same date.
- ☐ d. Error because same book cannot be ordered by multiple customers (The book 'A1236' is already ordered by 'c2').

The correct answer is:

Error because same book is ordered by another customer on same date.

Question **3**
Complete
Mark 2.00 out of 2.00

Based on the internet book store database system implemented in Lab 3, assume that customer 'c5' has cancelled the order. Thus the corresponding record from Orderbook table is deleted. Does this also delete the corresponding entry from Customer table? Answer YES or NO.

- ○ a. YES
- ◉ b. NO

The correct answer is:
NO

Question **4**
Complete
Mark -0.50 out of 1.00

Based on the internet book store database system implemented in Lab 3, on deleting a record from the Book table having isbn='A1234', does this also delete the corresponding entry from Orderbook table? Answer YES or NO.

- ◉ a. NO
- ○ b. YES

The correct answer is:
YES

Question **5**
Complete
Mark 1.00 out of 1.00

Based on the internet book store database system implemented in Lab 3, on updating the isbn of book A1238 to A1239 in BOOK table, does this also update the corresponding information in ORDERBOOK table? Answer YES or NO.

- ○ a. NO
- ◉ b. YES

The correct answer is:
YES

Question **6**

Complete

Mark 1.00 out of 3.00

Based on the internet book store database system implemented in Lab 3 exercise, select all the correct statement(s) for following query.

SELECT c.cname, c.address, o.qty

FROM customer AS c LEFT JOIN orderbook AS o

ON c.cid = o.ocid;

- [ ] a. The same information can be fetched by using equi join between orderbook and customer table.
- [ ] b. It displays the name of the customer, address and number of books ordered by those customers who have ordered some book.
- [x] c. It displays the name of the customer, address and number of books ordered by all the customers.
- [x] d. The same information can be fetched by using RIGHT JOIN as follows:

  SELECT c.cname, c.address, c.age, o.qty, o.order_date

  FROM orderbook AS o RIGHT JOIN customer AS c

  ON c.cid = o.ocid;
- [ ] e. It displays the name of the customer, address and number of books ordered by those customers who have ordered some or no book.
- [ ] f. It displays the name of the customer, address and number of books ordered by those customers who have ordered some and those who haven't ordered any.

The correct answers are:

It displays the name of the customer, address and number of books ordered by those customers who have ordered some or no book.,

It displays the name of the customer, address and number of books ordered by those customers who have ordered some and those who haven't ordered any.,

The same information can be fetched by using RIGHT JOIN as follows:

SELECT c.cname, c.address, c.age, o.qty, o.order_date
FROM orderbook AS o RIGHT JOIN customer AS c
ON c.cid = o.ocid;

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