

Computer Science and Engineering

Course work portal

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DBMS Theory

Home > My courses > Previous Years > 2020 > Spring Semester (2020-21) > DBMS Theory > Quiz 1 - February 8 2021 > Quiz 1 - Set D

Started on Monday, 8 February 2021, 12:45 PM

State Finished

Completed on Monday, 8 February 2021, 1:00 PM


Time taken 15 mins

Grade 6.00 out of 10.00 (60%)

Question 1

Correct

Mark 1.00 out of 1.00

 Flag question

Consider the two tables T1(C11, C12, C13) and T2(C11, C22, C23) with the rows indicated below. C11 is the primary key of T1. C11, C22 together form the primary key of T2.

T1 ((1, 'abc', 10.00), (2, 'def', NULL), (3, NULL, 30.00))

T2((1, 100, 35.00),(1, 200, 40.00),(2,300,NULL))

How many columns will be returned by the following query: Select * from T1 natural join T2.


Answer: 

The correct answer is: 5

Question 2

Incorrect

Mark 0.00 out of 1.00

 Flag question

Consider the two tables T1(C11, C12, C13) and T2(C11, C22, C23) with the rows indicated below. C11 is the primary key of T1. C11, C22 together form the primary key of T2.

T1 ((1, 'abc', 10.00), (2, 'def', NULL), (3, NULL, 30.00))

T2((1, 100, 35.00),(1, 200, 40.00),(2,300,NULL))

How many rows will be returned by the following query: Select * from T2 natural right outer join T1.


Answer: 

The correct answer is: 4

Question 3

Correct

Mark 1.00 out of 1.00

 Flag question

Consider the two tables T1(C11, C12, C13) and T2(C11, C22, C23) with the rows indicated below. C11 is the primary key of T1. C11, C22 together form the primary key of T2.

T1 ((1, 'abc', 10.00), (2, 'def', NULL), (3, NULL, 30.00))
T2((1, 100, 35.00),(1, 200, 40.00),(2,300,NULL))

How many rows will be returned by the following query: Select * from T2 natural join T1.


Answer: 

The correct answer is: 3

Question 4

Incorrect

Mark 0.00 out of 1.00

 Flag question

Consider the two tables T1(C11, C12, C13) and T2(C11, C22, C23) with the rows indicated below. C11 is the primary key of T1. C11, C22 together form the primary key of T2.

T1 ((1, 'abc', 10.00), (2, 'def', NULL), (3, NULL, 30.00))
T2((1, 100, 35.00),(1, 200, 40.00),(2,300,NULL))

How many rows will be returned by the following query: Select * from T2 full outer join T1 on T2.C11=T1.C11.


Answer: 

The correct answer is: 4

Question 5

Incorrect

Mark 0.00 out of 1.00

 Flag question

Consider the two tables T1(C11, C12, C13) and T2(C11, C22, C23) with the rows indicated below. C11 is the primary key of T1. C11, C22 together form the primary key of T2.

T1 ((1, 'abc', 10.00), (2, 'def', NULL), (3, NULL, 30.00))
T2((1, 100, 35.00),(1, 200, 40.00),(2,300,NULL))

How many columns will be returned by the following query: Select * from T2 inner join T1 on T2.C11=T1.C11.


Answer: 

The correct answer is: 6

Question 6

Correct

Mark 1.00 out of 1.00

 Flag question

Consider the two tables T1(C11, C12, C13) and T2(C11, C22, C23) with the rows indicated below. C11 is the primary key of T1. C11, C22 together form the primary key of T2.

T1 ((1, 'abc', 10.00), (2, 'def', NULL), (3, NULL, 30.00))

T2((1, 100, 35.00), (1, 200, 40.00), (2, 300, NULL))

How many rows will be returned by the following query: Select * from T1 natural left outer join T2.


Answer: 

The correct answer is: 4

Question 7

Correct

Mark 1.00 out of 1.00


 Flag question

Consider the two tables T1(C11, C12, C13) and T2(C11, C22, C23) with the rows indicated below. C11 is the primary key of T1. C11, C22 together form the primary key of T2.

T1 ((1, 'abc', 10.00), (2, 'def', NULL), (3, NULL, 30.00))

T2((1, 100, 35.00), (1, 200, 40.00), (2, 300, NULL))

How many columns will be returned by the following query: Select * from T1 full outer join T2 on T1.C11=T2.C11.


Answer: 

The correct answer is: 6

Question 8

Correct

Mark 1.00 out of 1.00

 Flag question

Consider the two tables T1(C11, C12, C13) and T2(C11, C22, C23) with the rows indicated below. C11 is the primary key of T1. C11, C22 together form the primary key of T2.

T1 ((1, 'abc', 10.00), (2, 'def', NULL), (3, NULL, 30.00))

T2((1, 100, 35.00), (1, 200, 40.00), (2, 300, NULL))

How many columns will be returned by the following query: Select * from T2 natural left outer join T1.

Answer: ✓

The correct answer is: 5

Question 9

Correct

Mark 1.00 out of 1.00

Flag question

Consider the two tables T1(C11, C12, C13) and T2(C11, C22, C23) with the rows indicated below. C11 is the primary key of T1. C11, C22 together form the primary key of T2.

T1 ((1, 'abc', 10.00), (2, 'def', NULL), (3, NULL, 30.00))

T2((1, 100, 35.00),(1, 200, 40.00),(2,300,NULL))

How many rows will be returned by the following query: Select * from T1 right outer join T2 on T1.C11=T2.C11.

Answer: ✓

The correct answer is: 3

Question 10

Incorrect

Mark 0.00 out of 1.00

Flag question

Consider the two tables T1(C11, C12, C13) and T2(C11, C22, C23) with the rows indicated below. C11 is the primary key of T1. C11, C22 together form the primary key of T2.

T1 ((1, 'abc', 10.00), (2, 'def', NULL), (3, NULL, 30.00))

T2((1, 100, 35.00),(1, 200, 40.00),(2,300,NULL))

How many rows will be returned by the following query: Select * from T1 natural full outer join T2.

Answer: ✗

The correct answer is: 4

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1 2 3 4 5 6 7 8 9 10

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