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Started on Sunday, 19 April 2020, 9:44 PM

State Finished

Completed on Sunday, 19 April 2020, 9:49 PM

Time taken 4 mins 16 secs

Marks 18.00/20.00

Grade 9.00 out of 10.00 (90%)

Question 1

Incorrect

Mark 0.00 out of 1.00

What is the meaning of "GROUP BY" clause

Select one:

- ☒ a. Group data by column and row values ✗
- ☐ b. None of the mentioned
- ☐ c. Group data by row values
- ☐ d. Group data by column values

Your answer is incorrect.

The correct answer is: Group data by column values

Question 2

Correct

Mark 1.00 out of 1.00

Which clause is similar to "HAVING" clause

Select one:

- ☐ a. FROM
- ☐ b. SELECT
- ☒ c. WHERE ✓
- ☐ d. None of the mentioned

Your answer is correct.

The correct answer is: WHERE

Question 3

Correct

Mark 1.00 out of 1.00

What is the meaning of "HAVING" clause

Select one:

- ☒ a. To filter out the row values ✓
- ☐ b. None of the mentioned
- ☐ c. To filter out the column values
- ☐ d. To filter out the row and column values

Your answer is correct.

The correct answer is: To filter out the row values



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Correct

Mark 1.00 out of 1.00

Select one:

- ☐ a. All of the mentioned
- ☐ b. Operators
- ☒ c. Aggregate functions ✓
- ☐ d. Clauses

Your answer is correct.

The correct answer is: Aggregate functions

Question 5

Correct

Mark 1.00 out of 1.00

Which among the following belongs to an "aggregate function"?

Select one:

- ☐ a. UPPER
- ☐ b. LOWER
- ☐ c. All of the mentioned
- ☒ d. COUNT ✓

Your answer is correct.

The correct answer is: COUNT

Question 6

Correct

Mark 1.00 out of 1.00

Which of the following belongs to an "aggregate function"?

Select one:

- ☐ a. SUM/AVG
- ☐ b. COUNT
- ☐ c. MIN/MAX
- ☒ d. All of the mentioned ✓

Your answer is correct.

The correct answer is: All of the mentioned

Question 7

Correct

Mark 1.00 out of 1.00

Which clause is used with an "aggregate functions"?

Select one:

- ☐ a. WHERE
- ☒ b. GROUP BY ✓
- ☐ c. SELECT
- ☐ d. Both a and c

Your answer is correct.

The correct answer is: GROUP BY



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Correct

Mark 1.00 out of 1.00

```
SELECT d.name, COUNT (emp_id) emp_no
FROM department d INNER JOIN Employee e
ON d.dept_id=e.emp_id
GROUP BY d.name
```

Select one:

- ☒ a. Aggregation of the field "name" of table "department" ✓
- ☐ b. None of the mentioned
- ☐ c. Sorting of the field "name"
- ☐ d. Aggregation of the field "name" of both table

Your answer is correct.

The correct answer is: Aggregation of the field "name" of table "department"

Question 9

Correct

Mark 1.00 out of 1.00

What is the significance of the statement "HAVING COUNT (emp_id)>2" in the given query?

```
SELECT d.name, COUNT (emp_id) emp_no
FROM department d INNER JOIN Employee e
ON d.dept_id=e.emp_id
GROUP BY d.name
HAVING COUNT (emp_id)>2
```

Select one:

- ☒ a. Filter out all rows whose total emp_id below 2 & Selecting those rows whose total emp_id>2 ✓
- ☐ b. Filter out all rows whose total emp_id below 2
- ☐ c. None of the mentioned
- ☐ d. Selecting those rows whose total emp_id>2

Your answer is correct.

The correct answer is: Filter out all rows whose total emp_id below 2 & Selecting those rows whose total emp_id>2

Question 10

Correct

Mark 1.00 out of 1.00

Is "GROUP BY" clause is similar to "ORDER BY" clause?

Select one:

- ☐ a. Yes
- ☒ b. No ✓
- ☐ c. None of the mentioned
- ☐ d. Depends

Your answer is correct.

The correct answer is: No



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Correct

Mark 1.00 out of 1.00

Select one:

- ☒ a. Sorting your result set using column data ✓
- ☐ b. Sorting your result set using row data
- ☐ c. None of the mentioned
- ☐ d. Aggregation of fields

Your answer is correct.

The correct answer is: Sorting your result set using column data

Question 12

Correct

Mark 1.00 out of 1.00

What is the significance of "ORDER BY" in the given query?

```
SELECT emp_id, fname, lname
```

```
FROM person
```

```
ORDER BY emp_id;
```

Select one:

- ☐ a. Data of emp_id will be sorted in ascending order
- ☐ b. All of the mentioned
- ☐ c. Data of emp_id will be sorted in descending order
- ☒ d. Data of emp_id will be sorted ✓

Your answer is correct.

The correct answer is: Data of emp_id will be sorted

Question 13

Incorrect

Mark 0.00 out of 1.00

What will be the order of sorting in the given query?

```
SELECT emp_id, emp_name
```

```
FROM person
```

```
ORDER BY emp_id, emp_name;
```

Select one:

- ☐ a. None of the mentioned
- ☐ b. Sorting {emp_id, emp_name}
- ☒ c. Sorting {emp_name, emp_id} ✗
- ☐ d. Sorting (emp_id) but not emp_name

Your answer is incorrect.

The correct answer is: Sorting {emp_id, emp_name}





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Correct

Mark 1.00 out of 1.00

execution of the given query:

```
SELECT emp_id  
FROM person  
ORDER BY emp_id;
```

Select one:

- ☒ a. {1, 2, , 3, 4, 6, 7, 9} ✓
- ☐ b. {2, 1, 4, 3, 7, 9, 6}
- ☐ c. {9, 7, 6, 4, 3, 1, 2}
- ☐ d. None of the mentioned

Your answer is correct.

The correct answer is: {1, 2, , 3, 4, 6, 7, 9}

Question 15

Correct

Mark 1.00 out of 1.00

If emp_id contain the following set {1, 2, 3, 4, 1, 1}, what will be the output on execution of the given query?

```
SELECT emp_id  
FROM person  
ORDER BY emp_id;
```

Select one:

- ☐ a. {1, 2, 3, 4, 1, 1}
- ☐ b. None of the mentioned
- ☐ c. {1, 1, 2, 3, 4, 1}
- ☒ d. {1, 1, 1, 2, 3, 4} ✓

Your answer is correct.

The correct answer is: {1, 1, 1, 2, 3, 4}

Question 16

Correct

Mark 1.00 out of 1.00

If emp_id contain the following set {1, 2, 2, 3, 3, 1}, what will be the output on execution of the given query?

```
SELECT emp_id  
FROM person  
ORDER BY emp_id;
```

Select one:

- ☐ a. {1, 2, 3, 3, 2, 1}
- ☐ b. None of the mentioned
- ☒ c. {1, 1, 2, 2, 3, 3} ✓
- ☐ d. {2, 2, 1, 1, 3, 3}

Your answer is correct.

The correct answer is: {1, 1, 2, 2, 3, 3}





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Correct

Mark 1.00 out of 1.00

execution of the given query:

```
SELECT emp_id  
FROM person  
ORDER BY emp_id;
```

Select one:

- ☒ a. {-3, -2, -1, 1, 2, 3} ✓
- ☐ b. {1, 2, 3, -1, -2, -3}
- ☐ c. None of the mentioned
- ☐ d. {-1, 1, -2, 2, -3, 3}

Your answer is correct.

The correct answer is: {-3, -2, -1, 1, 2, 3}

Question 18

Correct

Mark 1.00 out of 1.00

Which keyword is used for sorting the data in descending order

Select one:

- ☐ a. ASC
- ☒ b. DESC ✓
- ☐ c. MODIFY
- ☐ d. ALTER

Your answer is correct.

The correct answer is: DESC

Question 19

Correct

Mark 1.00 out of 1.00

Which keyword is used for sorting the data in ascending order

Select one:

- ☐ a. MODIFY
- ☐ b. ALTER
- ☐ c. DESC
- ☒ d. ASC ✓

Your answer is correct.

The correct answer is: ASC

Question 20

Correct

Mark 1.00 out of 1.00

Keyword "ASC" and "DESC" cannot be used without which clause

Select one:

- ☐ a. SELECT
- ☐ b. GROUP BY
- ☒ c. ORDER BY ✓
- ☐ d. HAVING

Your answer is correct.

The correct answer is: ORDER BY





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