

TEAM LEAD VERSION (TW-6)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ Logical Reasoning Questions
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

Teamwork Schedule

Ice-breaking

10m

- Personal Questions (Stay at home & Corona, Study Environment, Kids etc.)
- Any challenges (Classes, Coding, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

Ask Questions

15m

1. What will be the output of the following Python code?

```
a=[1,2,3,4]
b=[sum(a[0:x+1]) for x in range(0,len(a))]
print(b)
```

- A. [1,3,5,7]
- B. [1,3,6,10]
- C. 10
- D. [1,3,5]

+Answer: B

2. What is the output of the following program?

```
L1 = []
L1.append([1, [2, 3], 4])
L1.extend([7, 8, 9])
print(L1[0][1][1] + L1[2])
```

- A. 12
- B. 11
- C. 13
- D. 10

+Answer: B

3. What is the output of the following program?

```
T = (1, 2, 3, 4, 5, 6, 7, 8)
print(T[T.index(5)], end = " ")
print(T[T[T[6]-3]-6])
```

- A. 4 0
- B. 4 1
- C. 5 8
- D. 5 IndexError

+Answer: C

4. What would this expression return in Python?

```
D = {1 : 1, 2 : '2', '1' : 1, '2' : 3}
D['1'] = 2
print(D[D[D[str(D[1])]]])
```

- A. KeyError
- B. '2'
- C. 3
- D. 2

+Answer: C

5. What is the output of the code shown below?

```
set1 = {1, 2, 3}
set2 = set1.copy()
set2.add(4)
print(set1)
```

- A. {1, 2, 3, 4}
- B. Invalid Syntax
- C. Error
- D. {1, 2, 3}

+Answer: D

6. Which choice is NOT a statement you would use to filter data in SQL?

- A. GROUP_BY
- B. WHERE
- C. LIMIT
- D. LIKE

Answer: A

7. In `SELECT * FROM clients`; what does `clients` represent in SQL?

- A. a SQL query
- B. a SQL statement
- C. a database
- D. a table

Answer: D

8. If you need to order a table of movies by name, which query will work in SQL?

- A. `SELECT * FROM movies GROUP BY name`
- B. `SELECT * FROM movies ORDER BY name`
- C. `SELECT * FROM movies ORDER TABLE by name`
- D. `SELECT * FROM movies FILTER BY name`

Answer: B

9. You are working with very large tables in your database. Which SQL clause do you use to prevent exceedingly large query results?

- A. UNIQUE
- B. LIMIT
- C. DISTINCT
- D. CONSTRAINT

Answer: B

10. How can you filter duplicate data while retrieving records from a table in SQL?

- A. DISTINCT
- B. WHERE
- C. LIMIT
- D. AS

Answer: A

11. What operator tests column for absence of data?

- A. NOT Operator
- B. Exists Operator
- C. IS NULL Operator
- D. None of the above

Answer: C

12. If we have not specified ASC or DESC after a SQL ORDER BY clause, the following is used by default?

- A. DESC
- B. ASC
- C. There is no default value
- D. None of the mentioned

Answer: B

13. A command that lets you change one or more field in a table is?

- A. INSERT
- B. MODIFY
- C. LOOK-UP
- D. All of the above

Answer: B

Interview Questions**15m****1. What do you mean by a table and a field in SQL?**

Answer: Organized data in the form of rows and columns is said to be a table. Here, rows and columns are referred to as tuples and attributes. The number of columns in a table is referred to as a field. In the record, fields represent the characteristics and attributes.

2. What is the difference between a primary key and a unique key?

Answer: Both primary and unique keys carry unique values, but the primary key cannot have a null value while the unique key can have it. And in a table, there cannot be more than one primary key, but it can have multiple unique keys.

**Coffee Break****10m**

Logical Reasoning Questions**15m**

1. Which word does NOT belong with the others?

- A. parsley
- B. basil
- C. dill
- D. mayonnaise

+Answer: D

2. Eileen is planning a special birthday dinner for her husband's 35th birthday. She wants the evening to be memorable, but her husband is a simple man who would rather be in jeans at a baseball game than in a suit at a fancy restaurant. Which restaurant below should Eileen choose?

- A. Alfredo's offers fine Italian cuisine and an elegant Tuscan decor. Patrons will feel as though they've spent the evening in a luxurious Italian villa.
- B. Pancho's Mexican Buffet is an all-you-can-eat family style smorgasbord with the best tacos in town.
- C. The Parisian Bistro is a four-star French restaurant where guests are treated like royalty. Chef Dilbert Olay is famous for his beef bourguignon.
- D. Marty's serves delicious, hearty meals in a charming setting reminiscent of a baseball clubhouse in honor of the owner, Marty Lester, a former major league baseball all-star.

Answer: D

3. Find the missing term of the given series from the given alternatives?

BXD, EUG, ? , KOM

- A. HSI
- B. HRJ
- C. HSJ
- D. HRR

Correct Option: B



Hence, option (B) is correct.

Video of the Week

10m

- [The 5 Best Python IDE's and Editors](#)

Retro Meeting on a personal and team level

10m

Ask the questions below:

- What went well?
- What could be improved?
- What will we commit to do better in the next week?

Closing

5m

- Next week's plan
 - QA Session
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