

TEAM LEAD VERSION (TW-7)



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?

```
for x in set('pqr'):  
    print(x*2)
```

A.

```
pqr  
pqr
```

B.

```
qqpprr
```

C.

```
ppqqrr
```

D.

```
rr  
qq  
pp
```

+Answer: D

2. Which of the following statements create a dictionary?

- A. `d = {}`
- B. `d = {"john":40, "peter":45}`
- C. `d = {40:"john", 45:"peter"}`
- D. All of the mentioned

+Answer: D

3. What is the output of the following program?

```
d = {"john":40, "peter":45}
d["john"]
```

- A. 40
- B. 45
- C. "john"
- D. "peter"

+Answer: A

4. What would this expression return in Python?

```
d = {"john":40, "peter":45}
print(list(d.keys()))
```

- A. ("john":40, "peter":45)
- B. ("john", "peter")
- C. ["john", "peter"]
- D. ["john":40, "peter":45]

+Answer: C

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

```
a={}
a['a']=1
```

```
a['b']=[2,3,4]
print(a)
```

- A. Exception is thrown
- B. {'b': [2], 'a': 1}
- C. {'b': [2, 3, 4], 'a': 1}
- D. {'b': [2], 'a': [3]}

+Answer: C

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

```
z=set('abc')
z.add('san')
z.update(set(['p', 'q']))
print(z)
```

- A. {'abc', 'p', 'q', 'san'}
- B. {'a', 'b', 'c', 'p', 'q', 'san'}
- C. {'a', 'b', 'c', ['p', 'q'], 'san'}
- D. {'a', 'c', 'c', 'p', 'q', 's', 'a', 'n'}

+Answer: B

7. What is the term to describe this code?

```
count, fruit, price = (2, 'apple', 3.5)
```

- A. tuple assignment
- B. tuple unpacking
- C. tuple matching
- D. tuple duplication

+Answer: B

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

```
college_years = ['Freshman', 'Sophomore', 'Junior', 'Senior']
print(list(enumerate(college_years, 2019)))
```

- A. [('Freshman', 2019), ('Sophomore', 2020), ('Junior', 2021), ('Senior', 2022)]
- B. [(2019, 2020, 2021, 2022), ('Freshman', 'Sophomore', 'Junior', 'Senior')]
- C. [('Freshman', 'Sophomore', 'Junior', 'Senior'), (2019, 2020, 2021, 2022)]
- D. [(2019, 'Freshman'), (2020, 'Sophomore'), (2021, 'Junior'), (2022, 'Senior')]

+Answer: D

9. How many Primary keys can have in a table?

- A. Only 1
- B. Only 2
- C. Depends on no of Columns
- D. Depends on Database

Answer: A

10. Which of the following is not a valid aggregate function?

- A. COUNT
- B. COMPUTE
- C. SUM
- D. MAX

Answer: B

11. Which data manipulation command is used to combines the records from one or more tables?

- A. SELECT
- B. PROJECT
- C. JOIN
- D. PRODUCT

Answer: C

12. Which operator is used to compare a value to a specified list of values?

- A. ANY
- B. BETWEEN
- C. ALL
- D. IN

Answer: D

13. Which of the following is delivered at the end of the Sprint?

- A. A document containing test cases for the current sprint
- B. An architectural design of the solution
- C. An increment of Done software
- D. Wireframes designs for User Interface

Answer: C

14. In an Agile environment, what is the main responsibility of a tester?

- A. Create test scenarios and test cases
- B. Finding bugs
- C. Create automation scripts
- D. There is no role as a Tester in Scrum

Answer: D

15. When is a Sprint Retrospective ceremony performed?

- A. Whenever the team suggests
- B. At the end of each Sprint
- C. Whenever the Product Owner suggests
- D. Whenever the Scrum Master suggests

Answer: B

16. Who is responsible to measure the Project's performance?

- A. The Scrum Master
- B. The Product Owner
- C. The Scrum Team
- D. The Development Team

Answer: B

17. Which one is not one of the main responsibilities of a Scrum Master?

- A. Facilitating meeting as and when requested
- B. Consulting the Development Team and Product Owner
- C. Bridging the Gap between the Team and the Customer
- D. Removing Impediments

Answer: C

Interview Questions

15m

1. What is Kanban?

Answer:

It is one of the common agile interview questions. Kanban is a tool which helps the team to keep a close eye the work i.e., to measure its progress. Apart from the progress, the status of a development story can be seamlessly described with the help of 'kanban board'. Kanban board aids in writing the whole scenario of a project at a single place to give a perfect picture of the bottleneck, a task done, workflow progress. It helps in the continuous delivery of the product without overburdening the team.

2. What is Agile Testing and How is Agile Methodology different than Traditional Waterfall process?

Answer:

The first question of agile interview question tests your knowledge about the basic of agile testing. Agile testing is a practice based on the principles of agile software development. It includes all members of an agile team with specific skills and a certain expertise to ensure the timely delivery of a product with the release of additional features at frequent intervals.

This is the most commonly asked agile interview question. In agile methodology, features of the software are delivered frequently, so that the testing activity is done simultaneously with the development activity. Testing time is shortened as only small features are need be tasted at once.



Coffee Break

10m

Logical Reasoning Questions

15m

1. In this logic question, you are standing in a room with three light switches. The switches all correspond to three different light bulbs in an adjacent room that you cannot see into. With all the light switches starting in the off position, how can you find out which switch connects to which light bulb?

Answer: I would turn on the first switch and let it stay on for a few minutes. Then, I'd turn the first switch off and quickly turn on the second switch. Then, checking the room, I'd see the second bulb turned on and feel

the other two bulbs to see which one is warmer. The warmer bulb is the one I just turned off, so that belongs to the first switch, while the bulb that's on belongs to the second switch. The third switch would belong to the bulb that is off and coolest to the touch.

2. Which number would replace the underline mark in the series 20, 40, 100, , 820?

- A. 240
- B. 260
- C. 280
- D. 300

Answer: In this series, the difference between consecutive numbers is multiplied by 3; 20, 60, 180, 540.

Therefore, the missing number would be $100 + 180 = 280$ (option C)

3. Kevin, Joseph, and Nicholas are 3 brothers. If the following statements are all true, which of them is the youngest?

- ✓ Kevin is the oldest.
- ✓ Nicholas is not the oldest.
- ✓ Joseph is not the youngest.

- A. Joseph
- B. Kevin
- C. Nicholas
- D. Both Joseph and Nicholas

Answer: Kevin, Joseph, and Nicholas are 3 brothers. To find the youngest of the three?

By hypothesis, Kevin is the oldest of the three. Therefore Kevin can't be the youngest. So Kevin is eliminated.

We are left with Joseph and Nicholas. Since Kevin is not the youngest, either Joseph or Nicholas is the youngest. But it is given in the question that Joseph is not the youngest.

Therefore Nicholas is the youngest.

Video of the Week

10m

- [What is Agile Methodology?](#)

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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