

# STUDENT VERSION (TW-7)

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WAY TO REINVENT YOURSELF

## Meeting Agenda

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

# Teamwork Schedule

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## Ice-breaking

10m

- Personal Questions (Stay at home & Corona, Study Environment, Kids etc.)
- Any challenges (Classes, Coding, studying, etc.)

## 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
```

**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

**3. What is the output of the following program?**

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

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

**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]

**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]}

**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'}

**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

**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')]

**9. which of the following tag <...> is used to mark a begining of paragraph?**

- A. pr
- B. td
- C. br
- D. p

**10. .... includes the existing system, the proposed system, system flow charts, modular design of the system, print layout charts and data file designs.**

- A. Feasibility Report
- B. Functional Specification Report
- C. Design Specification Report
- D. Terms of Reference

**11. To create and view an HTML page, you need \_\_\_\_?**

- A. Web browser
- B. text editor
- C. Both [A] and [B]
- D. None of the above

**12. What does the < br > tag add to your webpage?**

- A. Long break
- B. Paragraph break
- C. Line break
- D. None of the above

**\*\*13. Breaking the system modules into smaller programs and allocating these programs to the members of the system development team is the activity involved in .....\*\***

- A. System Design Phase
- B. System Development Phase
- C. System Analysis Phase
- D. System Implementation Phase

## Interview Questions

15m

**1. What are some of the key new features in HTML5?**

**2. Discuss the differences between an HTML specification and a browser's implementation thereof?**



## Coffee Break

10m



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## 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?**

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

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

**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
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## Video of the Week

**10m**

- [The Gitflow Workflow](#)
  - [HTML, CSS, JavaScript](#)
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## 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?

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## Closing

5m

- Next week's plan
  - QA Session
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