This is how the questions appeared in MyCo in the remote exam on 21.12.2021. Each question had a text box for the answer and a file submission box. No other information or instruction was given other than what's included in the questions.

Describe the three most important dialog design principles and explain briefly why they are the most important ones.

1. Describe the three most important dialog design principles and explain briefly why they are the most important ones

Answer briefly:
What is the role of command line user interfaces in contemporary interactive systems? What needs to be taken into account in the design of textual / command line user interfaces?

2. **Answer briefly**

   What is the role of command line user interfaces in contemporary interactive systems? What needs to be taken into account in the design of textual / command line user interfaces?

Answer briefly:
What is MVC and why is it important for user interface design and implementation?

3. **Answer briefly**

   What is MVC and why is it important for user interface design and implementation?

4. **Long essay** (6p)

   You have been given a task to design a new user interface for smartphone-based ticketing in public transportation at the greater Helsinki area. Describe the the modelling methods, user interface principles and guidelines that you would apply for successful completion of the user interface design project. Outline an example of the activities and outcomes. Remember to include proper references in your answer.

5. **Answer briefly**:

   Visual characteristics are important in user interfaces. What kind of guidelines are available that support visual design?

6. **Answer briefly**:

   What model can be used to describe user's interaction with a user interface? Describe the model briefly and illustrate how it can be used to inform user interface design.

7. What does usability mean for user interface design?

8. What aspects constitute the context of interaction design? What does that mean for the development work?

9. What is an essential use case? Why is it relevant in user interface design?

10. What are the main elements that need to be modelled when defining and desiging a user interface?