1. List security objectives and briefly describe their goals

2. Enumerate the main security adversaries

3. List four security threats and briefly explain their objectives

4. Give three classes of security techniques for basic security algorithms

5. How does the encryption of data work?

6. Provide a comparison between symmetric and asymmetric encryption

7. How does the process of signing of data work?

8. What is the role of Certificate Authority (CA)?

9. Provide a description of the X.509 certificate and its content

10. What is the role of the Public Key Infrastructure (PKI)?

11. Provide an overview of the PKI architecture

12. What is the role of following authority: root certificate authority, long term certificate authority, and pseudonym certificate authority?

13. Briefly provide the main benefits of PKI

14. List some aspects of privacy

15. Why does security limit the level of privacy?

16. How to prevent location tracking of a vehicle from third parties?

17. How does the generation of pseudonyms work?

18. List some switching strategies of pseudonyms

19. What is the main security challenge for the V2X system?