

## **E-business 10 – Questions**

1. What is the definition of cybersecurity?
2. Why is cybersecurity important for organizations?
3. What are the main goals of cyberattacks?
4. Name three entities that need protection in cybersecurity.
5. What are some common tools used for cybersecurity protection?
6. Why is it important for users to choose strong passwords?
7. What should organizations have in place to deal with cyberattacks?
8. What does DNS filtering help with in cybersecurity?
9. What is a digital signature used for?
10. How does a digital signature provide security in digital communications?
11. What is the difference between a digital signature and an electronic signature?
12. What is the role of a certification authority (CA)?
13. What does cryptography aim to protect?
14. Name the four key principles of cryptography.
15. What is the purpose of a cryptographic key?
16. What is symmetric encryption?
17. What is the main difference between symmetric and asymmetric encryption?
18. What is a public key in asymmetric encryption?
19. Why is the private key important in asymmetric encryption?
20. How does cryptography help in ensuring the confidentiality of data?