**Questions and Their Occurrences:**

1. **Explain the need for cyber security.**
   * This question has appeared 3 times (December 2021, December 2022, December 2023).
2. **Describe security issues in cyberspace (e.g., DDoS attacks, malwares, phishing).**
   * This question has appeared 3 times (December 2021, December 2022, December 2023).
3. **Discuss the core elements of data security.**
   * This question has appeared 2 times (December 2021, December 2022).
4. **Describe the types of conventional ciphers.**
   * This question has appeared 2 times (December 2021, December 2023).
5. **What is cryptography? Discuss the RSA algorithm.**
   * This question has appeared 2 times (December 2021, December 2023).
6. **Explain the advantages of public key cryptography.**
   * This question has appeared 2 times (December 2022, December 2023).
7. **Discuss the laws in the United States for the regulation of cyberspace.**
   * This question has appeared 2 times (December 2021, December 2022).
8. **Give an overview of cyberspace regulation in India.**
   * This question has appeared 2 times (December 2022, December 2023).
9. **Explain the concept and uses of digital signatures and digital certificates.**
   * This question has appeared 2 times (June 2022, June 2023).
10. **Explain the concept and importance of cyber forensics.**
    * This question has appeared 2 times (December 2022, June 2023).
11. **Discuss the conditions under which a person is liable to pay damages under the Information Technology Act, 2000.**
    * This question has appeared 2 times (June 2022, June 2024).
12. **Explain the principles of data security (confidentiality, integrity, availability).**
    * This question has appeared 2 times (December 2021, June 2023).
13. **Discuss the role of filtering devices and rating systems in cyberspace regulation.**
    * This question has appeared 2 times (December 2021, June 2023).
14. **What are the benefits of digital security?**
    * This question has appeared 2 times (June 2022, June 2024).
15. **Explain the key functions of cryptography.**
    * This question has appeared 2 times (June 2022, June 2024).
16. **Discuss the UNCITRAL Model Law, 1996.**
    * This question has appeared 2 times (June 2022, June 2024).
17. **What is encryption? Distinguish between symmetric key and public key encryption schemes.**
    * This question has appeared 2 times (December 2021, June 2024).
18. **Explain the six principles of security management.**
    * This question has appeared 2 times (December 2022, June 2024).
19. **Explain the concept of intellectual property, including copyright, patents, and trademark infringements.**
    * This question has appeared 2 times (June 2023, June 2024).
20. **Discuss the various data security measures.**
    * This question has appeared 2 times (June 2022, June 2023).