Unit 1: Overview of Information Security

2 Mark Questions

1. **Information** - July 2019, May 2022
2. **Information Security** - Dec 2021, May 2023
3. **DoS Attack** - July 2019, May 2023
4. **Cyber Threats** - Dec 2020, Dec 2021, May 2021
5. **Cyber Frauds** - Dec 2020
6. **Frauds** - May 2022
7. **Malicious Hackers** - Dec 2021, May 2022
8. **Malicious Code** - Dec 2022
9. **DDOS** - Dec 2020
10. **Vulnerability** - Dec 2019
11. **Vulnerability in Information Security** - Dec 2022
12. **Cyber vulnerabilities** - Dec 2021
13. **Need for security policy** - Dec 2020, Dec 2021
14. **Importance for security policy** - May 2021
15. **Tier two Security Policy** - Dec 2019
16. **Tier 1 security policy** - July 2019
17. **Theft of information** - Dec 2022

6 Mark Questions

1. **Explain hackers** - Dec 2019
2. **What is Social Engineering? How it is used to commit Frauds?** - Dec 2020
3. **Give an account on Social Engineering** - May 2023
4. **Explain the technique of Social Engineering** - July 2019
5. **Social Engineering techniques is used for extracting information- Do you agree** - May 2021
6. **Discuss Denial of Service attacks** - May 2022
7. **Explain Tier three security policy** - Dec 2020

8. **Explain Tier 3 security policy** - July 2019

9. **Explain Tier 1 security policy** - May 2021

10. **Explain Tier two security policy** - Dec 2021

11. **Information Security is challenged by cybercrime criminal- Do you agree?** - Dec 2022

10 Mark Questions

1. **Write a detail note on information security procedures to be adopted in a company** - Dec 2020

2. **Write a detail note on information security guidelines** - Dec 2021

3. **Write a detail note on security-procedure and standards** - July 2019

4. **Explain Security Policies. Use an illustration to explain** - Dec 2022

5. **Enumerate the challenges in Information Security (at least 10)** - May 2023

6. **What is Information? Why should we protect it?** - May 2022

7. **Write a detail note on business requirements in information security** - May 2021

Unit 2: Information Asset Classification

2 Mark Questions

1. **Information confidentiality** - Dec 2019

2. **Information Retention** - Dec 2019

3. **Custodian of Information** - Dec 2019

4. **Custodian** - May 2022

5. **User** - May 2022

6. **Custodian Authorization for Access to information** - Dec 2020

7. **Why should information be disposed safely?** - Dec 2020

8. **Authorized Access to information** - Dec 2020

9. **Authorization for Access to information- User** - Dec 2021

10. **Authorization for Access to information- Owner** - May 2021

11. **Access to information** - July 2019, May 2021

12. **Secret in Information classification** - Dec 2022

13. **Confidential in Information classification** - Dec 2022

14. **Account Authorization** - May 2022, May 2023

15. **Why should we classify information?** - May 2023

16. **Information as an Asset** - May 2023
17. **Information as asset** - May 2021
18. **Asset** - May 2022

6 Mark Questions

1. **Write a note on Reclassification of information** - Dec 2019
2. **Declassification of information- Discuss** - Dec 2020, May 2021
3. **Explain Declassification of information** - May 2023
4. **Differentiate Classification and Declassification of information** - Dec 2021
5. **Why should we classify information?** - Dec 2022, July 2019
6. **Why should information be protected?** - Dec 2021
7. **Explain Information Asset** - May 2022
8. **Explain Authorization of Access** - May 2023

10 Mark Questions

1. **Why should we classify information? Explain with its stake holders, how information is an asset** - Dec 2019
2. **Explain the authorization of information access for different users** - Dec 2020, July 2019
3. **Explain the authorization of information access to custodians** - May 2021
4. **Explain Information Classification and De-classification** - Dec 2022
5. **Explain Information Classification. Use an illustration to explain** - May 2023
6. **Explain Retention and Disposal of Information assets** - May 2022

Unit 3: Risk Analysis & Risk Management

2 Mark Questions

1. **Risk Management** - Dec 2019
2. **Probability of Occurrence** - Dec 2019
3. **Risk Mitigation** - Dec 2019, Dec 2022
4. **Risk analysis** - July 2019
5. **Risk Control Types** - July 2019
6. **Cost analysis** - Dec 2022

7. **Cost Analysis** - May 2021

8. **Impact of the threat in Information Security** - May 2022

9. **Control Types** - May 2023

10. **Risk analysis process** - May 2023

11. **Risk in information on security** - May 2023

6 Mark Questions

1. **Enumerate types of risk** - Dec 2019

2. **Elucidate Risk Analysis Process** - Dec 2020

3. **Risk Analysis Process** - May 2022

4. **How to determine Probability of Occurrence?** - Dec 2022

5. **How will you determine Probability of Occurrence?** - May 2021

6. **Suggest ways to mitigate information risk (at least 5)** - Dec 2021

7. **Elucidate on Risk Mitigation** - July 2019, May 2021

8. **Write a note on Control Types** - July 2019

9. **Elucidate Cost analysis** - May 2022

10 Mark Questions

1. **Explain ways (at least ten) to mitigate risk of information mishandling** - Dec 2019

2. **Write a detail note on Cost analysis** - Dec 2020

3. **Write a detail note on Cost and Benefit analysis** - Dec 2021

4. **Write a detail note on Cost Benefit analysis** - July 2019

5. **Write a detail note on Benefit analysis** - May 2021

6. **Explain the impact of threat on information** - Dec 2022

7. **Explain about Risk mitigation** - May 2022

8. **Explain Risk Analysis Process** - May 2023

Unit 4: Access Control

2 Mark Questions

1. **User Identity** - Dec 2019, Dec 2022

2. **Network** - Dec 2019, July 2019

3. **Event Logging** - Dec 2020, July 2019, May 2022

4. **Cryptography** - Dec 2020, July 2019, May 2022

5. **Unauthorized Access to information** - Dec 2021

6. **Privilege Management** - Dec 2021

7. **Logs** - Dec 2021

8. **Decryption** - Dec 2021

9. **Access Management** - Dec 2022

10. **Threat Identification** - Dec 2022

11. **Registries** - May 2021

12. **Encryption** - May 2021

6 Mark Questions

1. **Write a note on privilege management** - Dec 2019

2. **How will you monitor system access control?** - Dec 2020, July 2019

3. **Define Access and Privilege Management** - Dec 2022

4. **Define Operating System Access Controls and give its uses (at least 4)** - May 2022

5. **Explain about Intrusion Detection System** - May 2022

6. **Discuss IDS and its types** - May 2021

7. **What is Network Access Control? Describe** - May 2023

8. **Elucidate on Event Logging** - May 2023

10 Mark Questions

1. **Discuss in detail the IDS in access control** - Dec 2020, July 2019

2. **Discuss in detail the NIDS in access control** - Dec 2021

3. **Elucidate on Cryptography. Give a detail note on Encryption and Decryption** - Dec 2022

4. **Elucidate Monitoring System Access Control** - May 2022

5. **Discuss in detail the operating system access control** - May 2021

6. **Describe on User Identity and Access Management** - May 2023

| Unit 5: Physical Security

2 Mark Questions

1. **Safe disposal of physical asset** - Dec 2019

2. **Physical Security** - Dec 2019, Dec 2020, Dec 2021, July 2019, May 2021

3. **Fire Prevention** - Dec 2020, July 2019, May 2021

4. **Fire Precautions** - Dec 2021

5. **Fire Detection** - Dec 2022

6. **Physical Assets** - Dec 2022

7. **Fire prevention** - May 2022

8. **Physical Asset** - May 2022

6 Mark Questions

1. **How will you identify assets to be protected?** - Dec 2019, Dec 2021, Dec 2022

2. **Write a note on Perimeter Security** - Dec 2020, Dec 2021, July 2019, May 2022, May 2023

3. **Write a note on safe disposal of Physical Assets** - May 2023

4. **Write a note on Physical Security** - May 2021

5. **Elucidate about Business Requirements** - Dec 2022

6. **Business Requirement** - May 2023

10 Mark Questions

1. **Explain Network Access Control and give its importance** - Dec 2019

2. **Explain the steps in Safe Disposal of Physical Assets** - Dec 2019

3. **Write a note on identification of assets to be protected** - Dec 2020

4. **Physical security of Information is a professional task- Comment on the statement** - Dec 2021

5. **Explain Perimeter Security. Give its importance (at least 12)** - Dec 2022

6. **Explain the safe disposal of Physical assets** - May 2022

7. **Write a detailed note on safe disposal of Physical Attacks** - May 2023

8. **Explain in detail about the Physical Security** - July 2019

9. **Write a note on fire prevention in an IT firm** - May 2021

Summary Statistics

Most Frequently Asked Topics:

1. **Physical Security** - 5 times (2 marks)

2. **Perimeter Security** - 5 times (6 marks)

3. **Social Engineering** - 5 times (6 marks)

4. **Cryptography/Encryption/Decryption** - 4 times (2 marks)

5. **Information Classification/Declassification** - Multiple variations across all mark categories

Unit-wise Question Distribution:

- **Unit 1**: Threats, security policies, and social engineering
- **Unit 2**: Emphasis on information classification and access authorization
- **Unit 3**: Risk analysis processes and mitigation strategies
- **Unit 4**: Access control mechanisms and monitoring systems
- **Unit 5**: Physical security and asset protection consistently tested