

CYBER SECURITY – SEC Paper 5

MODEL QUESTION PAPER – 1

TIME : 2 ½ hrs

MAX. MARKS : 60

SECTION A

I. Answer any four questions. Each question carries two marks. 4 x 2 = 8

1. What is Cyber Space?
2. What is an ARPANET?
3. What is Cyber Law?
4. What is phishing?
5. What is Social media monitoring?
6. Mention any two websites that host videos.

SECTION B

II. Answer any four questions. Each question carries five marks. 4 x 5 = 20

7. Explain the various features of Internet.
8. What is Ransom ware? Explain its types.
9. How can you report a cyber crime online? Write the steps.
10. Explain about Cyberspace regulations.
11. What are the advantages of viral videos?
12. Write a note on Anti-Virus software's.

SECTION C

III. Answer any four questions. Each question carries eight marks. 4 x 8 = 32

13. Explain about the physical infrastructure required in data transfer.
14. Explain the various issues and challenges of Cyber Security.
15. Explain the most important preventive steps you can take to protect yourself online.
16. Write about Cyber Security financial frauds.
17. Write about Fire wall and Wi-Fi Security.
18. Write a note on E-Commerce.

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MODEL QUESTION PAPER – 2

TIME : 2 ½ hrs

MAX. MARKS : 60

SECTION A

I. Answer any four questions. Each question carries two marks. 4 x 2 = 8

1. Mention web communication tools.
2. What is the use of search engines? Give example.
3. What is Cyber Crime?
4. How can you file a police report for a Cyber crime?
5. What are Social networks?
6. Define E-Commerce.

SECTION B

II. Answer any four questions. Each question carries five marks. 4 x 5 = 20

7. Write a note on Cyber Security measures.
8. Explain the types of Cyber Crimes.
9. What are the preventive steps taken for (a) False link
(b) Scam using QR code
(c) Harassment Calls
10. What is the significance of the UPI in digital payments?
11. Evaluate the significance of RBI guidelines on digital payments and customer protection in unauthorized banking transactions?
12. Discuss the elements of a password policy for mobile phones and their importance.

SECTION C

III. Answer any four questions. Each question carries eight marks. 4 x 8 = 32

13. Explain the impact of internet on society.
14. Explain the architecture of Cyberspace.
15. Write about the offences and penalties covered by the IT Act of 2000.
16. Write about any three social media platforms that are mostly widely used.
17. Explain about digital payments related common frauds and preventive measures.
18. Evaluate the configuration of basic security policy and permissions for endpoint devices.

CYBER SECURITY – SEC Paper 5

MODEL QUESTION PAPER – 3

TIME : 2 ½ hrs

MAX. MARKS : 60

SECTION A

I. Answer any four questions. Each question carries two marks. 4 x 2 = 8

1. What are the main components of web technology?
2. What is Encryption?
3. What are Web browsers?
4. What is Cyber Bullying?
5. What is the use of Hash tags? Give example.
6. What is the purpose of UPI?

SECTION B

II. Answer any four questions. Each question carries five marks. 4 x 5 = 20

7. Write a note on Cyber space regulations.
8. Write about Cyber crime against women and children
9. Write a note on malware attacks.
10. What are the most frequent security threats on social media?
11. (a) What is the purpose of Indian Penal code 1860?
(b) Mention any three offences and penalties covered by the IT Act of 2000.
12. Explain the relevant provisions of the Payment Settlement Act 2007 and their impact on digital payments.

SECTION C

III. Answer any four questions. Each question carries eight marks. 4 x 8 = 32

13. Explain the various technologies used in communication.
14. Explain various types of Cyber Crimes.
15. Write about the challenges, opportunities and pitfalls in online social network.
16. Write a note on Zero day and Zero click attacks.
17. (a) Explain the main components of E-Commerce.
(b) Why is Wi-Fi security essential for endpoint devices?
18. Discuss the components of digital payments and propose preventive measures for common frauds.