

(FOR THE CANDIDATES ADMITTED

SUBJECT CODE

23 UEC 6E7

DURING THE ACADEMIC YEAR 2023-24 ONLY)

REG.NO.

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : MAY– 2026

B.COM.-E.COMMERCE

MAXIMUM MARKS: 75

VI SEMESTER

TIME : 3 HOURS

PART – III

CYBER SECURITY

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

(K1)

1. _____ is the full form of internet.
a) Interconnected Network b) Internal Network c) International Network d) None
2. Who coined the name cyber space?
a) Scott Fahima b) Richard Stallman c) William Gibson d) Andrew Tannenbaum
3. Which of the following is not a cybercrime?
a) Denial of Service b) Man in the Middle c) Malware d) AES
4. Public key encryption is advantageous over symmetric key Cryptography because of _____.
a) speed b) space c) key exchange d) None
5. The primary goal of phishing is _____.
a) to flood a server with traffic b) to trick users into revealing sensitive info
c) to encrypt all files on a network d) to steal physical document

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES. (K2)

6. What is cyber security?
7. Define cyber space.
8. What is malware?
9. What do you mean by firewall?
10. Write any two cyber security threats.

(CONTD 2)

SECTION – B

(5 X 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.

(K3)

11. a) Explain the history of internet.

(OR)

- b) Write a short note on “Weak Authentication”

12. a) List the basic security for HTTP applications and services.

(OR)

- b) Explain the guidelines to choose a password.

13. a) Write a note on “Cyber Intrusion”.

(OR)

- b) List the types of malware infection.

14. a) Explain the various types of firewalls used for security purpose.

(OR)

- b) Write a short note on i) SSL ii) TLS

15. a) Describe the need for cyber forensics.

(OR)

- b) Explain the process of recovering from information loss.

SECTION – C

(5 X 8=40 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.

(K4/K5)

16. a) Discuss the various software vulnerabilities.

(OR)

- b) Elaborate the importance of Network Architecture.

17. a) Assess the importance of web browsing and browser security.

(OR)

- b) Explain in detail social media secure networking.

18. a) Evaluate the role of Government and Private organisations in Cyber space.

(OR)

- b) Discuss the National Cyber Security Policy 2013.

19. a) Elaborate the classifications of cryptography.

(OR)

- b) Write a note on i) Application Layer Security ii) Network Layer Security. (K4)

20. a) Elaborate the preliminary investigations procedure and methods followed in cyber security.

(OR)

- b) Discuss the emerging cyber security threats.