

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : MAY-2025B .B. A
VI SEMESTERMAXIMUM MARKS: 50
TIME : 3 HOURS

PART - III

INTERNET AND E - COMMERCE & INFORMATION SECURITY

SECTION - A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

(K1)

1. The primary purpose of File Transfer Protocol (FTP) is _____
 - a) To encrypt files during transfer
 - b) To manage database operations
 - c) To transfer files between computers on a network
 - d) To secure email communication

2. The following is an example of a Business-to-Consumer (B2C) E-Commerce platform _____
 - a) Amazon
 - b) LinkedIn
 - c) SAP
 - d) Alibaba

3. A common sign of a phishing attempt is _____
 - a) An email from an unknown sender with a sense of urgency
 - b) A verified email from your bank
 - c) A message from a trusted friend
 - d) A promotional email from a known retailer

4. Which feature in Windows helps protect your computer from unauthorized access?
 - a) Windows Firewall
 - b) Task Manager
 - c) Control Panel
 - d) Windows Media Player

5. HTML stands for _____.
 - a) Hyper Text Markup Language
 - b) High Transfer Markup Language
 - c) Hyperlink Transfer Management Language
 - d) High Text Management Language

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

6. Explain the purpose of an IP address on the Internet.
7. Explain the term "shopping cart" in E-Commerce.
8. Explain the role of a receiver in a communication system.
9. Explain the term "encryption" in network security.
10. What is the purpose of the <head> tag in an HTML document?

(CONTD 2)

SECTION – B (5 X 3 = 15 MARKS)**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)**

11. a) Describe the Internet Protocol (IP) facilitates communication between devices on a network.
(OR)
 b) Discuss in detail search engines.

12.a) Demonstrate the logistics partners contribute to the success of e-commerce businesses
(OR)
 b) Explain the setting up an E-commerce Enterprises.

13.a) Classify the types of attacks that target a website's security.
(OR)
 b) Evaluate the impact of a network vulnerability on an organization's operations.

14.a) Explain password management in E-Commerce.
(OR)
 b) Discuss in detail cross site Forgery .

15.a) Discuss relative URLs and absolute URLs.
(OR)
 b) Explain the HTML Tables.

SECTION - C (5X 5 = 25 MARKS)**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K4 & K5)**

16. a) Analyze the factors that contributed to the rapid growth of the Internet in the 21st century.
(OR)
 b) Explain the New technologies and innovations in Machine learning and Robotics.

17.a) Describe encryption and its types.
(OR)
 b) Discuss the use of dynamic content in an e-commerce website to enhance user experience.

18.a) Explain the risks associated with dumpster diving for sensitive information.
(OR)
 b) Discuss the potential security risks associated with elevation of privilege in a system.

19.a) Evaluate the role of firewalls in maintaining the security of a cloud-based environment.
(OR)
 b) Explain the computer forensics can be used to investigate cybercrime incidents.

20.a) Discuss in detail the basic components of HTML.
(OR)
 b) Explain the procedure to develop a simple Website using HTML.
