

(FOR THE CANDIDATES ADMITTED

SUB CODE **22 PCO 104**

DURING THE ACADEMIC YEAR 2022-23 ONLY)

REG.NO. :

**N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI****END-OF-SEMESTER EXAMINATIONS : DECEMBER – 2022****M.Com.****MAXIMUM MARKS: 50****I SEMESTER****TIME : 3 HOURS****INTERNET, HTML AND CYBER SECURITY****SECTION – A****(10 X 1 = 10 MARKS)****ANSWER THE FOLLOWING QUESTIONS.****(Objective Questions with four Multiple Choices)****(K1)**

1. An IP address consists of \_\_\_\_\_ address
  - a) 32 bits
  - b) 16 bits
  - c) 64 bits
  - d) None
2. \_\_\_\_\_ ensures that computer related assets are accessed only by authorized parties
  - a) Confidentiality
  - b) Integrity
  - c) Availability
  - d) All the above
3. An important element of Intrusion preventions is \_\_\_\_\_
  - a) Digital Signature
  - b) Kerberos
  - c) Password Management
  - d) Availability
4. \_\_\_\_\_ is a protocol associated with Web pages
  - a) SMTP
  - b) HTTP
  - c) WAP
  - d) NAT
5. XML is based on \_\_\_\_\_
  - a) HTML
  - b) WML
  - c) SGML
  - d) None of the above

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

6. Define IP address
7. Expand HTTPS
8. What is marquee tag used for?
9. Expand FTP
10. What is XML?

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

11. (a) Discuss the resources, hardware and software requirements of Internet

**(OR)**

- (b) What is the difference between IPv4 and IPv6?

12. (a) What do you mean by software security?

**(OR)**

- (b) Discuss the web security protocols

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13. (a) Write an HTML code to wrap text around an image and force the image to the left of the screen  
**(OR)**  
(b) What is meant by CSS? Explain

14. (a) How can a web page have two sets of links with different colors? Explain  
**(OR)**  
(b) Analyse Browsers history.

15. (a) How to give link to audio& videos files?  
**(OR)**  
. (b) List the attributes used in frames.

**SECTION – C (5 X 5 = 25 MARKS)**

**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K4/K5)**

16. (a) Analyse confidentiality, integrity and availability in cyber security  
**(OR)**  
(b) Discuss the encryption and authentication techniques in cryptography

17. (a) Discuss the network intrusion, detection and prevention systems  
**(OR)**  
(b) Summarize the cyber-crime and intellectual property rights

18. (a) Write the HTML tags required to create head section, body section, body paragraph, line break and page title commands  
**(OR)**  
(b) Explain the ordered, unordered list and definition Lists with its elements in HTML with example

19. (a) Explain the Hyperlink in webpages with suitable example  
**(OR)**  
(b) Explain the various tags for creating and formatting the table

20. (a) Explain the tags used for creating various types of buttons and box with an example  
**(OR)**  
(b) Describe the form tags with an example

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