



24026910



QP CODE: 24026910

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE
EXAMINATIONS, OCTOBER 2024**

Third Semester

**COMPLEMENTARY COURSE - CA3CMT03 - COMPUTER SCIENCE - WEB
TECHNOLOGY AND PROGRAMMING**

Common to B.Sc Chemistry Model III Petrochemicals, B.Sc Mathematics Model I, B.Sc Physics
Model III Electronic Equipment Maintenance, B.Sc Statistics Model I & B.Sc Zoology and Industrial
Microbiology Model III Double Main

2017 Admission Onwards

338E1212

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. Write any two advantages of computer network.
2. Write any two advantages of LAN as compared to WAN.
3. Write an example for broadcast network.
4. What is ISP stands for?
5. What is DNS?
6. Name the program that either pretends to have a set of useful or desirable features but actually contains damaging code.
7. Write any two types of firewall.
8. What is a tag?
9. How can we subscript and superscript a text in HTML?
10. What is cell padding?
11. List the frameset tag attributes.
12. What are search engines?

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain fiber optic cable.





14. Discuss about different protocols for email.
15. Briefly explain the role played by session and transport layer in ISO/OSI reference model.
16. Differentiate between web server and proxy server.
17. Define encryption. Explain how security can be achieved using encryption.
18. Discuss the encryption algorithm used in digital signature and digital certificate.
19. Briefly explain the basic concepts of HTML.
20. Describe a) Bgcolor b) Background c) Hyperlink d) Image in HTML.
21. Discuss some of the important web browsers.

(6×5=30)

Part C

*Answer any **two** questions.
Each question carries **10** marks.*

22. Explain in detail the network topologies with diagrams.
23. Write about different network connecting devices.
24. Write short notes on a) HTTP b) FTP c) TCP d) SMTP.
25. Explain list in HTML with examples.

(2×10=20)

