

QP CODE: 19102041



Reg No : .....

Name : .....

**B.Sc. DEGREE (CBCS) EXAMINATION, OCTOBER 2019**

**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

F51A73CB

Time: 3 Hours

Maximum Marks :60

**Part A**

*Answer any ten questions.*

*Each question carries 1 mark.*

1. What is LAN?
2. What are the different layers of co axial cable?
3. What is the use of Bridge in Network?
4. Define WWW.
5. Name the networking device that operates only in physical layer.
6. What is DES stands for?
7. What is message digest?
8. Define homepage?
9. What is an element in HTML?
10. What are formatting tags?
11. What are the methods of form?
12. What is an example of a meta search engine?

(10×1=10)

**Part B**

*Answer any six questions.*

*Each question carries 5 marks.*

13. What is a broadcast network? Explain.





14. What is an IP address? Explain it with an example.
15. Discuss briefly about email.
16. Briefly explain the functions of a web server.
17. Write short notes on computer viruses.
18. Explain different types of firewall.
19. Briefly explain definition list illustrating with suitable example?
20. Discuss the table attributes with an example in HTML?
21. What are web browsers? Discuss the importance of web browsers?

(6×5=30)

### Part C

*Answer any two questions.*

*Each question carries 10 marks.*

22. What is a computer network? Explain its types?
23. Explain in detail the network topologies with diagrams.
24. Write short notes on a) HTTP b)FTP c)TCP d)SMTP
25. Write an essay on frames in HTML?

(2×10=20)