

**B.Sc DEGREE EXAMINATION, APRIL 2019**  
**III Year VI Semester**  
**Computer Networks**

**Time : 3 Hours**

**Max.marks :75**

**Section A** ( $10 \times 2 = 20$ ) Marks

Answer any **TEN** questions

1. Define multicasting.
2. What is meant by personal area networks?
3. What is hamming distance?
4. What is meant by Piggy backing?
5. Define collision.
6. What is wireless LAN?
7. What is meant by Classless Inter-Domain Routing?
8. What is load shedding?
9. What is meant by window probe?
10. What is meant by cryptography?
11. What is meant by enterprise network?
12. Define tunnelling.

**Section B** ( $5 \times 5 = 25$ ) Marks

Answer any **FIVE** questions

13. Discuss about connection oriented and connectionless services.
14. Explain Go-Back-N protocol in detail.
15. Explain channel allocation problem in medium access control sublayer.
16. Describe Internet Control Message Protocol.
17. What is Domain Name System (DNS)? Explain.
18. Explain the different types of switching circuits in detail.
19. Write a short note on TCP protocol.

**Section C** ( $3 \times 10 = 30$ ) Marks

Answer any **THREE** questions

20. Explain the various transmission media in computer networks.
21. Discuss the approaches used for error detection in network.
22. Elaborate collision free protocols.
23. Describe any two routing algorithms in Network layer.
24. Explain the Connection establishment and connection release in elements of Transport layer.

**B.Sc DEGREE EXAMINATION, APRIL 2019**  
**III Year VI Semester**  
**Computer Networks**

**Time : 3 Hours**

**Max.marks :75**

**Section A** ( $10 \times 2 = 20$ ) Marks

Answer any **TEN** questions

1. Define multicasting.
2. What is meant by personal area networks?
3. What is hamming distance?
4. What is meant by Piggy backing?
5. Define collision.
6. What is wireless LAN?
7. What is meant by Classless Inter-Domain Routing?
8. What is load shedding?
9. What is meant by window probe?
10. What is meant by cryptography?
11. What is meant by enterprise network?
12. Define tunnelling.

**Section B** ( $5 \times 5 = 25$ ) Marks

Answer any **FIVE** questions

13. Discuss about connection oriented and connectionless services.
14. Explain Go-Back-N protocol in detail.
15. Explain channel allocation problem in medium access control sublayer.
16. Describe Internet Control Message Protocol.
17. What is Domain Name System (DNS)? Explain.
18. Explain the different types of switching circuits in detail.
19. Write a short note on TCP protocol.

**Section C** ( $3 \times 10 = 30$ ) Marks

Answer any **THREE** questions

20. Explain the various transmission media in computer networks.
21. Discuss the approaches used for error detection in network.
22. Elaborate collision free protocols.
23. Describe any two routing algorithms in Network layer.
24. Explain the Connection establishment and connection release in elements of Transport layer.