B.Sc. DEGREE EXAMINATION,APRIL 2020
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 Network
2. Define Protocol
3. What is framing in Data Link Layer?
4. What is Sliding Window Protocol?
5. List out any 2 services provided by Wireless LAN
6. Define Ethernet
7. List out any 2 Routing Technique
8. Define Congestion Control
9. What is Connection Establishment in Transport Layer?
10. List out the Principles of Cryptography
11. Define DNS
12. What is Guided Media?

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

Answer any **FIVE** questions

13. Write a Short note on Types of Networks
14. What are the services provided by DLL
15. Explain about Congestion Control Algorithm
16. Write a note on Principles of Cryptography.
17. Explain Connection oriented & Connectionless Services
18. Explain about Wireless Networks
19. Write a note on TCP/IP

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

Answer any **THREE** questions

20. Explain in detail about OSI Layers with neat Diagram

21. Discuss Error Detection Techniques

22. Explain Wireless LAN with MAC Layer in detail

23. Discuss any 3 Routing Algorithms along with its functions.

24. Discuss about Email with Message Format, Message Transfer & User Agent.

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