

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN  
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

B.Sc.DS - END SEMESTER EXAMINATIONS - NOV'2024

SEMESTER - V

**22UDSCT5006 - Computer Networks**

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

### **Section B**

Answer any **SIX** questions ( $6 \times 5 = 30$  Marks)

1. Describe Wide area network.
2. Describe Channel Allocation with example.
3. Classify Communication Satellites.
4. How to establish and release a connection in Transport Layer give example.
5. Rephrase about protocol using Go-Back-N.
6. Express about shortest path algorithm.
7. Describe traffic throttling.
8. Describe the Internet Transport Protocol and STP.

### **Section C**

Answer any **THREE** questions ( $3 \times 10 = 30$  Marks)

9. Explain in detail about Guided and Unguided media with example.
10. What is Error correcting code? Explain.
11. Summarize Bluetooth architecture and protocol stack.
12. Elaborate IP address is used in computer networks?
13. Conclude about addressing.

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