

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. Comp.Sci - END SEMESTER EXAMINATIONS APRIL - 2024

SEMESTER - VI

**22UCSCT6009 -Computer Networks**

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

### **Section B**

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

1. Classify the types of Network.
2. Sketch the types of Guided Transmission media.
3. Explain circuit switching techniques in physical layers.
4. Prepare a list for the importance of error detection and correction in Data Link Layer.
5. Examine the working principles of one bit sliding window protocol.
6. Differentiate connectionless and connection oriented service.
7. Predict advantages of congestion control algorithm.
8. Illustrate the Domain Name System.

### **Section C**

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

9. Describe OSI reference model.
10. Illustrate the communication satellite in transmission media.
11. Predict the Data Link Layer issues.
12. Differentiate Distance vector routing and Shortest path routing.
13. Determine the way of creating address, make connection and release the connection in transport layer.

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