

**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. END SEMESTER EXAMINATIONS APRIL-2022

SEMESTER - VI

18UCSCE6AD2 & UCS/CE/6AD2 - Computer Networks

Total Duration : 3 Hrs.

Total Marks : 60

Section A

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

1. Explain different transmission media.
2. Differentiate types of switching.
3. Explain error detection and error correction method.
4. Write short note on Medium Access Layer (MAC).
5. Give a note on IP Address.
6. Pen down the design issues at network layer.
7. Give a note on elements of transport protocols.
8. What is cryptography?

Section B

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

9. Discuss in detail about OSI reference model.
10. Explain sliding window protocol with example.
11. Describe Manchester Encoding with example.
12. Explain any two routing algorithms.
13. Discuss on TCP and DNS.
