

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. CND - END SEMESTER EXAMINATIONS APRIL - 2024

SEMESTER - II

20UNDAT2002 - Allied Chemistry-II

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Discuss the mechanism of mutarotation.
2. With necessary equation explain Bergman's method of preparation of dipeptide.
3. Discuss the classification of protein.
4. Write note on analgesics and antipyretics.
5. Explain the causes and effects of diabetics.
6. Write down any three chemical properties of glucose.
7. Give an account of derivatives of cellulose.
8. Discuss the biological functions proteins.

Section C

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

9. Discuss the open and ring structure of glucose.
10. Discuss the preparation and properties of alpha amino acids.
11. Explain the structure and functions of Nucleic acids.
12. Discuss about tranquilisers, sedatives, hypnotics.
13. Give a brief account of AIDS.
