

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.NFSMD - END SEMESTER EXAMINATIONS - NOV'2024

SEMESTER - II

20UFMAT2002 - Allied Chemistry-II

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

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

1. Explain the conversion of glucose into fructose.
2. Write notes on cellulose.
3. Discuss the composition and structure of protein.
4. What are diabetics? Discuss its cause and control.
5. What are analgesic and antipyretic? Write any one example of each.
6. Explain local and general anesthetics with example.
7. Explain the principle of extraction.
8. Discuss the principle and application of TLC.

Section C

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

9. Discuss the open ring structure of glucose.
10. How will you prepare amino acid? Write the various chemical properties with respect to amino and carboxylic group.
11. Write notes on the following with one example a) Sedatives b) hypnotics c) Tranquilizers.
12. Explain the principle of steam distillation and fractional distillation.
13. Discuss the principle, experimental set up and application of Paper chromatography.
