

Roll.No.

20UFMAT2002

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 - NOVEMBER 2025
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. Write a short note on Mutarotation in glucose.
2. Explain the Bergmann method for dipeptide preparation.
3. Write a short note on tranquilizers and sedatives.
4. Write an essay on the biological functions of protein with example.
5. Explain the structural elucidation of glucose in open chain and ring form.
6. Write briefly on the cause the treatment of diabetes.
7. Difference between DNA and RNA.
8. Explain different types of extraction methods with examples.

Section C

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

9. Explain in detail the classification, preparation and properties of alpha amino acids.
10. Explain the pharmaceutical drugs in medical chemistry with suitable examples.
11. Explain the principle and steps involved in crystallization?
12. Differentiate between local anaesthetic and general anaesthetic with examples.
13. Explain the principle, procedure and application of Column Chromatography.
