

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 - APRIL 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. Explain the properties of starch and cellulose.
2. Write a note on proteins.
3. Define the following terms with one example: hypnotics, local anesthetics.
4. Explain the causes of diabetes.
5. Prepare dipeptide using Bergman method.
6. Classify proteins and provide a suitable example for each.
7. What are analgesics and antipyretics?
8. Critically analyse the methods of cancer treatment.

Section C

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

9. Illustrate the inter conversion of
(i) glucose to fructose (ii) fructose to glucose
10. Outline the preparation, classification and properties of amino acids.
11. What are nucleic acids? Explain the roles of DNA and RNA in living organisms and how are they different from each other?
12. Distinguish between the different types of medicinal drugs.
13. Examine the causes and treatments of AIDS.
