

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 2025

SEMESTER - II

20UNDCT2003 - Human Physiology

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

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

1. Explain the functions of tissues.
2. Define blood pressure and explain the factors affecting blood pressure.
3. Illustrate the anatomy of respiratory organs.
4. Enumerate the physiology of vision.
5. Give an account on functions of hormones in human body.
6. Explain the mechanism of acid-base balance in our body.
7. Explain the functions of cell membrane and organelles.
8. Illustrate and explain the structure of neuron.

Section C

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

9. Explain the structure of cell with suitable diagram.
10. Elaborate on composition and functions of blood.
11. Give the anatomy of GI tract and explain the mechanism of digestion and absorption of carbohydrate.
12. Explain the general anatomy of nervous system and write a note on any two nervous disorders.
13. Draw the structure of nephron and explain the mechanism of formation of urine.
