

Roll.No.

20UNDC2003

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 - NOVEMBER 2025
SEMESTER - II

20UNDC2003 - 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 structure and functions of mitochondria.
2. Classify blood groups and describe their significance.
3. Illustrate the reflex arc with a neat diagram.
4. Describe the role of hormones secreted by the adrenal gland
5. Describe the composition and functions of plasma.
6. Analyze the mechanism of respiration in humans.
7. Discuss the physiology of taste and smell.
8. Justify the importance of placenta during pregnancy.

Section C

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

9. Describe the structure and functions of different cell organelles.
10. Analyze the factors affecting blood pressure and its measurement methods.
11. Evaluate the process of digestion and absorption of nutrients.
12. Examine the structure and functions of the central nervous system.
13. Assess the hormonal regulation of the menstrual cycle.
