

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.

M.Sc. END SEMESTER EXAMINATIONS NOVEMBER - 2022

SEMESTER - I

20PNDCT1002 - Advanced Human Physiology

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section A

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

1. Sketch the structure of a cell.
2. Outline the composition of blood.
3. Explain the types of Innate and Acquire immunity.
4. What are hormones, list its types.
5. Write a note on Spermatogenesis.
6. List the role of hormones in reproduction.
7. Write the function of Neuron.
8. Write a short note on mechanism of formation of urine.

Section B

Part A

Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Conclude the functions and types of stem cells.
10. Describe the functions of heart and blood vessels.
11. Sketch the structure and describe the functions of respiratory system.
12. Brief on the digestion and absorption of Carbohydrate.

Part B

Compulsory question ($1 \times 10 = 10$ Marks)

13. Elaborate on the organs in the urinary System.
