

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.(FSND) END SEMESTER EXAMINATIONS NOVEMBER - 2023

SEMESTER - I

20PNDCT1002 - Advanced Human Physiology

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Describe the functions of blood.
2. Write the functions & structure of cells.
3. Briefly discuss on IVF.
4. Write a note on role of skin in temperature regulation.
5. Explain structure of heart with a diagram.
6. Differentiate between Innate and Acquired immunity.
7. Show the digestion of fats in a flow chart.
8. Infer the structure and function of neurons.

Section C

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

9. Interpret the phases of cell cycle.
10. Discuss in detail Cardiac cycle.
11. Discuss about Exchange of respiratory gases and Internal & External Respiration.
12. Elucidate the role of hormones in pregnancy and lactation.

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

13. Elaborate on the mechanism of urine formation.
