

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 - APRIL 2025

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. Recall the functions of stem cells.
2. Explain Internal Respiration.
3. Write a note on Spermatogenesis.
4. Draw the structure of skin and explain.
5. Identify the composition of blood.
6. Classify immunity.
7. Briefly explain role of hormones in lactation and reproduction.
8. Discuss the functions of neuron.

### **Section C**

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

9. Classify Tissues. Highlight the functions of tissues.
10. Explain conduction of heart.
11. Elaborate on pituitary gland and its functions.
12. Summarize the digestion and absorption of carbohydrates.

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

13. Illustrate the structure of nephron and explain formation of urine.

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