

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 -2023

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. Describe the causes of malnutrition in India.
2. Sketch the structure of heart and mention their parts.
3. Predict how air moves in and out of the lungs through observing a respiratory organ.
4. Explain the structure of Kidney with a labelled diagram.
5. Illustrate the functions of RBS and WBC.
6. What is the process of digestion and absorption of carbohydrates?
7. Define Peripheral Nervous System and explain the types of Peripheral Nervous System?
8. Ascertain the male reproductive organ in reproductive system.

### **Section C**

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

9. Describe the cell organelles and their functions.
10. Define Blood Pressure and what are the factors affecting blood pressure.
11. Sketch the part of the human ear and how it is responsible for maintaining body balance.
12. Describe the pancreas functions of the hormone and their relationship.
13. Discuss on Anatomy and physiology of respiratory organs.

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