

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. END SEMESTER EXAMINATIONS NOVEMBER-2022

SEMESTER - II

20UNDCT2003 - Human Physiology

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section A

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

1. Describe transport across cell membrane.
2. Explain ABO system.
3. Classify Tissues with examples.
4. Describe the method of measuring blood pressure.
5. Illustrate the Upper Respiratory tract with its functions.
6. Brief the digestion process of proteins.
7. Discuss the physiology of taste perception.
8. Elaborate on - Acid base balance.

Section B

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

9. Draw and explain the structure and function of Mitochondria and Nucleus.
10. Illustrate the origin and conduction of Heart.
11. Comment on the gaseous exchange of gases.
12. Classify neurons based on structure and functions.
13. Comment on the Ovarian cycle in female reproductive system.
