

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 - I

20UFMCT1002 - Human Physiology

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section A

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

1. Illustrate the transport of molecules across the cell membrane.
2. Define
 - a. Endoplasmic reticulum (ER),
 - b. Golgi body and
 - c. Ribosomes
3. Prepare short note on central nervous system.
4. Describe briefly on the blood cells.
5. Sketch a neat structure of heart and label.
6. Classify the mechanism of Respiration.
7. Predict, the digestion and absorption of carbohydrates.
8. Explain the hormones of Thyroid gland.

Section B

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

9. Explain the mitotic cell division and its significance.
10. Discuss the anatomy of neuron with diagram.
11. Enumerate the Cardiac Cycle.
12. Explain the functions of the renal tubules.
13. Discuss the phases of the menstrual cycle.
