

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 APRIL-2022

SEMESTER - I

20UFMCT1002 - Human Physiology

Total Duration : 3 Hrs.

Total Marks : 60

Section A

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

1. Describe the classification and functions of tissues.
2. Draw and explain the structure of a neuron.
3. Discuss on the reflexes involved in nerve conduction.
4. Enumerate the functions of brain.
5. Discuss on the digestion and absorption of proteins.
6. Explain the gaseous transport in lungs and tissues
7. Explain the process involved in urine formation.
8. Describe menstrual cycle .

Section B

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

9. Comment on the conduction of heart beat and cardiac cycle .
10. Explain the structure and functions of nervous tissue, skeletal tissue.
11. Discuss the nerve impulse conduction potential .
12. Illustrate the process of digestion, regulation and functions of digestive system .
13. Explain the structure and functions of adrenal and thyroid gland.
