

School of Medical and Allied Sciences

**Bachelor of Physiotherapy
Semester End Examination - Jun 2024**

**Duration : 180 Minutes
Max Marks : 100**

Sem II - L2UA202T - BHPT2002 - L1UB202T - Human Physiology-II*General Instructions**Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

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| 1) | Recall the classification of nervous system. | K1(2) |
| 2) | Why does renal tubules important in urine formation? | K2(4) |
| 3) | Illustrate how does the renal system regulate electrolyte balance in the body? | K2(6) |
| 4) | Construct and explain the process of tubular secretion. | K3(9) |
| 5) | Make use of function of the limbic system? | K3(9) |
| 6) | Interpret the role of the kidneys in regulating blood glucose levels? | K5(10) |
| 7) | Analyse and discuss the process of visual perception, including the roles of the retina, optic nerve, and visual cortex. | K4(12) |
| 8) | Determine the physiological effects of chronic stress on the nervous system? | K5(15) |
| 9) | Conclude the measurement of glomerular filtration rate and factors affecting GFR. | K5(15) |
| 10) | Elaborate role of different types of glial cells in the nervous system? | K6(18) |