

**School of Medical and Allied Sciences****Bachelor of Physiotherapy  
Semester End Examination - Jul 2024****Duration : 180 Minutes  
Max Marks : 100****Sem III - L1UB303T - Pharmacology**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*

- 1) What is the role of the liver and kidneys in drug metabolism and excretion? K1(2)
- 2) Explain the pharmacokinetics and adverse effects of different diuretics used in heart failure. K2(4)
- 3) Explain the pharmacological management of Parkinson's disease using dopaminergic drugs. K2(6)
- 4) Construct prostacyclin analogs. K3(9)
- 5) Identify the route of drug administration along with its one advantage. K3(9)
- 6) Compare between sympathetic and parasympathetic systems. K5(10)
- 7) List the main drug classes used to manage obstructive airway diseases. K4(12)
- 8) Explain the pharmacological management of allergic rhinitis and its associated drug therapies. K5(15)
- 9) Explain the "geriatric population" in the context of pharmacology. K5(15)
- 10) Design the pharmacological management of central nervous system disorders. K6(18)