

School of Medical and Allied Sciences**B.Sc Cardiovascular Technology
Semester End Examination - Jul 2024****Duration : 180 Minutes
Max Marks : 100****Sem II - L1UC203T/BCVT2003 - Cardiac Pharmacology and Clinical Treatment**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) | What does "mechanism of action" refer to in pharmacology? | K1(2) |
| 2) | Illustrate the flowchart of classification of antifailure agents. | K2(4) |
| 3) | Interpret all types of systemic routes of drug administration. | K2(6) |
| 4) | Develop idea of hypertensive crisis and outline its management. | K3(9) |
| 5) | Develop action of statins with its adverse effects. | K3(9) |
| 6) | Evaluate the role of fibrinolytics in various cardiovascular events. | K5(10) |
| 7) | Simplify the role of amiodarone in correction of arrhythmia with its adverse effects. | K4(12) |
| 8) | Interpret various types of angina and pathophysiology behind it. | K5(15) |
| 9) | Interpret classification of antiplatelet agents with mechanism of action, adverse effect of low dose aspirin and clopidogrel. | K5(15) |
| 10) | Modify action of nitrates in cases of angina, also write adverse effects and drug interactions. | K6(18) |