

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

School of Biomedical Science**Master of Science in Medical Biotechnology
Semester End Examination - Nov 2023****Duration : 180 Minutes
Max Marks : 100****Sem III - MBAMBT3001 - Drug Discovery and Development***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) Recall and enlist the drugs that are sourced from animals. K1 (2)
- 2) Explain the importance of studying bioavailability of a drug. K2 (4)
- 3) Compile the methods used for lead optimization. K2 (6)
- 4) Summarize the factors enlisted in GTPs. K3 (9)
- 5) Analyze the meaning of clearance of a drug and why is it important to study. K3 (9)
- 6) Elaborate the methods commonly used for lead optimization. K5 (10)
- 7) Elaborate the important requirements for solid support for organic synthesis of peptides. K4 (12)
- 8) Assess all the drug discovery screening assays. K5 (15)
- 9) Conclude all the different kinds of organ-specific toxic effects that can happen due to a drug molecule. K5 (15)
- 10) Elaborate various organ specific effects that can happen due to drug toxicity. K6 (18)