

School of Biomedical Science**Bachelor of Science in Medical Biotechnology
Semester End Examination - Jul 2024****Duration : 180 Minutes
Max Marks : 100****Sem III - C2UH301B - Drug Design 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*

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| 1) | Recall the Phase 0 trial. | K1(2) |
| 2) | Illustrate the various type of Behavioral tests. | K2(4) |
| 3) | Illustrate the significance of Molecular Docking with example. | K2(6) |
| 4) | Apply the role of CYP450 enzyme to check the Hepatotoxicity. | K3(9) |
| 5) | Identify the Blood and Renal Toxicity | K3(9) |
| 6) | Interpret the Behavioral, Biochemical and Molecular bioassays with suitable examples. | K5(10) |
| 7) | Analyze the Multipin-Technique and Tea-Bag Method for synthesis of peptides. | K4(12) |
| 8) | Determine the best assay to evaluate the memory test of a rat model. | K5(15) |
| 9) | A researcher wants to identify an anti-bacterial agent. Assess the laboratory procedure for the same. | K5(15) |
| 10) | Elaboratethe Nanoparticles Drug Delivery system for Neurological Disorders. | K6(18) |