

School of Biomedical Science

Department of Biomedical Science

Mid Term Examination

Exam Date: 26 Sep 2023

Time : 90 Minutes

Marks : 50

Sem III - MBAMBT3001 - Drug Discovery and Development

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

- 1) Outline the steps involved in the development of a novel drug. K2 (2)
- 2) Select the important factors to be considered in selecting a target for drug development. K1 (3)
- 3) Explain with examples the plant and synthetic sources of drugs. K2 (4)
- 4) Illustrate the whole process that converts a hit to lead in drug discovery. K2 (6)
- 5) Identify different kinds of animal models used in drug discovery. K3 (6)
- 6) Explain with examples the microbial and genetically engineered sources of drugs. K3 (9)
- 7) Categorize different kinds of drug sources. K4 (8)
- 8) Analyze the effects of circadian rhythms on the result outcome of animal based research. K4 (12)

OR

Analyze the importance of toxicological assessment of a candidate drug molecule. K4 (12)