

Sl.No: M21139

Course Code: MPL102T

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

**M.PHARM. DEGREE EXAMINATION – September 2021
First Semester**

BRANCH: PHARMACOLOGY

ADVANCED PHARMACOLOGY -I

Time : Three hours

Maximum: 75 marks

**(Draw neat labeled diagrams wherever necessary
your answer should be specific to the questions asked)**

SECTION –A

I. Answer any **THREE** questions: **(3 x 15 = 45)**

1. Explain the structure and types of GABA receptors. Discuss the pharmacology for Barbiturates.
2. Outline the four classes of hypertensive reactions.
3. Discuss the mechanism of metabolism induction and inhibition citing with examples.
4. Describe the steps involved in cholinergic neurotransmission and discuss about the various drugs affecting the same.

SECTION –B

II. Answer any **THREE** questions: **(3 x 10 = 30)**

5. Define Biotransformation and explain phase II metabolic reactions.
6. Write the pharmacological property of platelet- activating factor.
7. Mechanism of local anaesthetics agents.
8. Write a note on Histamine and explain about H₁ antagonists.
