

CLASS: **M.Pharm.-Ist Semester**
SUBJECT: **Advanced Pharmacology-I**
PAPER CODE: **MPL-102T**

TIME: **Three Hours**

MAXIMUM MARKS: **75**

Min Pass:40%

NOTE: Question paper is divided into two sections A and B. Attempt both sections as per instructions given.

SECTION-A

(Short Answer Type Questions)

Note: Attempt any five questions in about 150 words each. Each question carries *SEVEN* Marks.

(5× 7=35)

- Q.1 Write a short note on drug distribution.
- Q.2 Write in short about dose response relationship.
- Q.3 Write a short note GABA and glutamate as neurotransmitter.
- Q.4 Write a short note on cotransmission.
- Q.5 Write short note on stages of general anesthesia.
- Q.6 Write short note on mania.
- Q.7 Write short note on coagulants.
- Q.8 Write short note on fibrinolytics.
- Q.9 Write a note on serotonin.
- Q.10 Write a note on pathological role of histamine.

SECTION-B

(Long Answer Type Questions)

Note: Attempt any four questions in detail. Each question carries *Ten* marks. (4× 10=40)

- Q.1 Define biotransformation. Explain phase I & II reactions in detail.
- Q.2 Explain mechanism of drug action in detail.
- Q.3 Classify sympathomimetics. Explain atleast one drug from each category in detail.
- Q.4 Explain various steps involved in neurotransmission with diagram.
- Q.5 Classify anti-epileptics. Explain atleast one drug from each category in detail.
- Q.6 Classify sedatives and hypnotics. Explain atleast one drug from each category in detail.
- Q.7 Classify antihypertensives. Explain atleast one drug from each category in detail.
- Q.8 Explain detail pharmacology of antihistamines.