



Sessional I (Even) Semester Examination, March 2025

Roll no.....

Name of the Course and semester:B. Pharm (VI semester)

Name of the Paper: Pharmacology III

Paper Code:BP 602T

Time: 1:30 hours

Maximum Marks: 30

Note:

- (i) This question paper contains two sections.
- (ii) All the sections are compulsory.

Section-A

Q1. Multiple choice questions (attempt all questions)

10 X 1 = 10 Marks

1. Antidote for codeine poisoning: (CO1)
 - a) Noscapine
 - b) Naloxone
 - c) Naphazoline
 - d) Noradrenaline

2. Which of the following is a bulk-forming laxative? (CO1)
 - a) Bisacodyl
 - b) Lactulose
 - c) Psyllium
 - d) Loperamide

3. Which isomer of dextromethorphan is responsible for its anti-tussive action? (CO1)
 - a) D-isomer
 - b) L-isomer
 - c) Both D- and L-isomers equally
 - d) Neither isomer; it acts via its metabolites

4. Misoprostol is contraindicated in pregnancy due to its: (CO1)
 - a) Inhibition of gastric acid secretion
 - b) Stimulation of uterine contractions
 - c) Enhancement of mucus secretion
 - d) Anticholinergic effects

5. Which of the following expectorants acts by depolymerizing mucopolysaccharide fibres in mucus? (CO1)

Section-B

I. Short type (attempt any two out of three) 2 X 5= 10 Marks

1. Classify expectorants and antitussives and discuss the pharmacological properties of Codeine. (CO1)
 2. Compare and contrast the pharmacology of ondansetron and metoclopramide. (CO1)
 3. Outline the classification, mechanism of action, and clinical significance of Sulphonamides. (CO2)

II. Long type (attempt any one out of two) 1 X 10 = 10 Marks

1. What is ulcer? Classify anti-ulcerdrugs and describe the mechanism of action of each class. (CO1)
 2. Compare and contrast natural penicillins and semi-synthetic penicillins in terms of spectrum and clinical applications. (CO2)