

DEPARTMENT OF PHARMACEUTICAL SCIENCES & TECHNOLOGY

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(Internal Assessment I)

CLASS: BPHARM  
BRANCH: PHARMACY

SEMESTER: VI  
SESSION: SP 2025

SUBJECT: BP602T PHARMACOLOGY III

TIME: 2.00 Hour

FULL MARK: 30

**PART I**

- A. Objective-type questions(Answer all questions) (5 x02=10 marks)
1. Give two examples each of anorectic agent and cholorectic agents
  2. Give examples of drugs or physiological agents used as emetics, antidiarrhoeal agents.
  3. Give one example each of drugs which stimulate and inhibit intestinal movements
  4. State the characterising features of asthma.
  5. Briefly discuss the mechanism of action of mucolytics used in productive cough.

**PART II**

- B. Long Answers(Answer any one out of two) (01x10=10 marks)
1. Justify the statement: "NSAIDS cause ulceration" in the light of pathogenesis of peptic ulcer. Classify the drugs used to treat peptic ulcer with suitable examples
  2. Classify the drugs used for the treatment of asthma with examples. Discuss the mechanism of actions of any three different categories of anti-asthmatic drugs. [4+6=10 Marks]

**PART III**

- C. Short Answers(Answer any two out of three) (02x05=10 marks)
1. Enumerate the drugs acting on mouth, stomach and intestine with examples. Give the underlying mechanism of action of drugs acting on the mouth.
  2. Classify purgatives with suitable examples. Explain the mechanism of action of Saline purgatives
  3. Discuss the roles of  $\alpha$ 1-antitrypsin and emphysema in COPD.

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