



PAPER ID-311130

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Subject Code: BP602T

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**BPHARM**  
**(SEM VI) THEORY EXAMINATION 2023-24**  
**PHARMACOLOGY III – THEORY**

**TIME: 3 HRS****M.MARKS: 75**

**Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.

**SECTION A****1. Attempt all questions in brief.****10 x 2 = 20**

|    |                                                                                         |
|----|-----------------------------------------------------------------------------------------|
| a. | What do you understand by toxicology?                                                   |
| b. | Demonstrate the regulation of acid secretion by gastric parietal cell diagrammatically. |
| c. | Enlist common problems associated with the use of antimicrobial agents.                 |
| d. | Give various mechanisms of laxatives.                                                   |
| e. | Describe mechanism of cotrimoxazole.                                                    |
| f. | Compare expectorants and antitussives.                                                  |
| g. | Explain mechanism of azole for antifungal activity.                                     |
| h. | Classify antiviral drugs.                                                               |
| i. | Define genotoxicity.                                                                    |
| j. | What do you understand by chronotherapy? Explain the uses of the same.                  |

**SECTION B****2. Attempt any two parts of the following:****2 x 10 = 20**

|    |                                                                                                       |
|----|-------------------------------------------------------------------------------------------------------|
| a. | Enlist antimalarial drugs. Explain mechanism, pharmacological action and side effects of chloroquine. |
| b. | Classify antitubercular agents. Illustrate pharmacology of isoniazid.                                 |
| c. | Classify various drugs for bronchial asthma. Give pharmacology of methyl xanthines.                   |

**SECTION C****3. Attempt any five parts of the following:****5 x 7 = 35**

|    |                                                                                                  |
|----|--------------------------------------------------------------------------------------------------|
| a. | Classify anti-ulcer drugs. Write pharmacology of proton pump inhibitors.                         |
| b. | Classify various beta-lactams. Explain mechanism, pharmacological action and uses of penicillin. |
| c. | Discuss pharmacology of tetracycline.                                                            |
| d. | Illustrate pharmacology of prokinetic drugs among antiemetics.                                   |
| e. | Classify anti-diarrhoeal drugs. Discuss treatment of diarrhoea.                                  |
| f. | Discuss signs, symptoms, and management of morphine poisoning.                                   |
| g. | Classify Immunosuppressants. Discuss mechanism and interactions of cyclosporine.                 |