



PAPER ID-420124

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Subject Code: BP602T

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**BPHARMA**  
**(SEM VI) THEORY EXAMINATION 2021-22**  
**PHARMACOLOGY III – THEORY**

**Time: 3 Hours****Total 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. | Mention four antidiarrhoeal drugs.               |
| b. | Define genotoxicity.                             |
| c. | What is biosimilars?                             |
| d. | Enlist nonsystemic antacids.                     |
| e. | What is biological clock?                        |
| f. | How does cotrimoxazole acts in our body?         |
| g. | Suggest antidote for heavy metal poisoning.      |
| h. | Mention few examples of uses of corticosteroids. |
| i. | Name the drugs used in the treatment of leprosy. |
| j. | Define chronotherapy and rhythm.                 |

**SECTION B**

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

|    |                                                                                                                           |
|----|---------------------------------------------------------------------------------------------------------------------------|
| a. | Classify antiemetics. Explain mechanism of action, uses and side effects of domperidone.                                  |
| b. | Narrate the various reasons for drug resistance and suggest some measures to control them.                                |
| c. | Explain the various categories of antitubercular drugs with examples and their mechanism of action. What is DOTS therapy? |

**SECTION C**

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

|    |                                                                                                           |
|----|-----------------------------------------------------------------------------------------------------------|
| a. | What is bronchial asthma? Classify the drugs used for its treatment suggesting their mechanism of action. |
| b. | Briefly narrate the various categories of antibiotics suggesting their mechanism of action with examples. |
| c. | Write an exhaustive note on Sexually transmitted diseases.                                                |
| d. | Illustrate with suitable examples the various types of immunostimulants.                                  |
| e. | Explain the clinical symptoms and management of barbiturates and arsenic poisoning.                       |
| f. | Write short notes on:<br>i. Acute and chronic toxicity<br>ii. Protein drugs                               |
| g. | Explain the mechanism of action, side effects and therapeutic uses of alkylating agents.                  |