

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.PHARM - SEMESTER- 6 EXAMINATION – WINTER -2024**

**Subject Code:BP602TP****Date: 21-11-2024****Subject Name: Pharmacology III****Time:02.30 PM TO 05.30 PM****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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|-------------|-----|--|-----------|
| <b>Q.1</b>  | (a) | Classify Anti-asthmatics drugs. Discuss the mechanism of action, adverse effects and uses of methyl xanthines. | <b>06</b> |
|             | (b) | Write a short note on antitussives.  | <b>05</b> |
|             | (c) | Write mechanism of action and therapeutic uses of fluoroquinolones.  | <b>05</b> |
| <b>Q.2</b>  | (a) | Discuss the mechanism of action, adverse effects and uses of aminoglycosides.                                  | <b>06</b> |
|             | (b) | Write a short note on DOTS.  | <b>05</b> |
|             | (c) | Write a short note on immunosuppressants.  | <b>05</b> |
| <b>Q.3</b>  | (a) | Enlist Various anti-malarial drugs. Discuss pharmacology of Primaquine.  | <b>06</b> |
|             | (b) | Differentiate the terms: Acute, Subacute and Chronic toxicity.   | <b>05</b> |
|             | (c) | Write a short note on anthelmintics.   | <b>05</b> |
| <b>Q.4</b>  | (a) | Discuss the pharmacology of Proton Pump Inhibitors.  | <b>06</b> |
|             | (b) | Define Expectorants? Write a short note on Expectorants.   | <b>05</b> |
|             | (c) | Write note on general principles of chemotherapy.  | <b>05</b> |
| <b>Q.5</b>  | (a) | Discuss the symptoms and management of barbiturates and morphine poisoning.                                    | <b>06</b> |
|             | (b) | Write classification of anticancer drugs.  | <b>05</b> |
|             | (c) | Explain the terms: Teratogenicity & Carcinogenicity  | <b>05</b> |
| <b>Q. 6</b> | (a) | Classify sulphonamides and explain its mechanism of action and adverse effects.                                | <b>06</b> |
|             | (b) | Write a short note on antifungal agents.   | <b>05</b> |
|             | (c) | Write note on general principles of treatment of poisoning.  | <b>05</b> |
| <b>Q.7</b>  | (a) | Write a note on drugs used in Urinary Tract Infections.  | <b>06</b> |
|             | (b) | Explain the role of chronology in occurrence of various diseases.  | <b>05</b> |
|             | (c) | Write a note on Nucleoside Reverse Transcriptase inhibitor (NRTI).   | <b>05</b> |

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