

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