

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.Ph. - SEMESTER-VI • EXAMINATION –SUMMER -2022**

**Subject Code:BP602TP****Date: 03/06/2022****Subject Name: Pharmacology-III****Time: 10:30AM TO 01:30PM****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) Define Resistance. Write note on Mechanism of Resistance.  | <b>06</b> |
|            | (b) Write Classification of Anticancer Drugs.  | <b>05</b> |
|            | (c) Write down Pharmacology of Sulphonamide  | <b>05</b> |
| <b>Q.2</b> | (a) Write note on bacterial Cell Wall Synthesis inhibitors.  | <b>06</b> |
|            | (b) Classify Anti-asthmatics Drugs   | <b>05</b> |
|            | (c) Write note on Drugs which is used in Urinary Tract Infections.   | <b>05</b> |
| <b>Q.3</b> | (a) Define Immunopharmacology. Classify Immunosuppressant Drugs. Write Mechanism of action of Cyclosporine | <b>06</b> |
|            | (b) Classify Antiemetics. Describe one in detail.  | <b>05</b> |
|            | (c) Write note on Non-Nucleoside Reverse Transcriptase Inhibitor.  | <b>05</b> |
| <b>Q.4</b> | (a) Classify Antiviral Drugs according its Mechanism of Action.  | <b>06</b> |
|            | (b) Write note on General Principle of Treatment of Poisoning  | <b>05</b> |
|            | (c) Explain Following Term: Teratogenicity & Carcinogenicity   | <b>05</b> |
| <b>Q.5</b> | (a) Enlist Various Anti-Malarial Drugs. Discuss Pharmacology Primaquine                                    | <b>06</b> |
|            | (b) Describe Adverse Effect of Aminoglycoside Antibiotics  | <b>05</b> |
|            | (c) Comment on Following Statement:  | <b>05</b> |
|            | a) Probenecid is given with Penicillin   |           |
|            | b) All Chemotherapeutics Agents are Antibiotics.   |           |
| <b>Q.6</b> | (a) Explain Following Term:  | <b>06</b> |
|            | a) Fanconi Like Syndrome   |           |
|            | b) Gray Baby Syndrome  |           |
|            | c) Kernicterus   |           |
|            | (b) Classify Cephalosporins.   | <b>05</b> |
|            | (c) Enlist First line Drugs used in Tuberculosis   | <b>05</b> |
| <b>Q.7</b> | (a) Write Mechanism of Action of Following Drugs   | <b>06</b> |
|            | a) Clavunic Acid   |           |
|            | b) Acyclovir   |           |
|            | c) Metronidazole   |           |
|            | (b) Write Pharmacology of Azithromycin   | <b>05</b> |
|            | (c) Discuss the Pharmacology of Antiulcer Agents.  | <b>05</b> |

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