

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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| Q.1 | (a) Define Resistance. Write note on Mechanism of Resistance. | 06 |
| | (b) Write Classification of Anticancer Drugs. | 05 |
| | (c) Write down Pharmacology of Sulphonamide | 05 |
| Q.2 | (a) Write note on bacterial Cell Wall Synthesis inhibitors. | 06 |
| | (b) Classify Anti-asthmatics Drugs | 05 |
| | (c) Write note on Drugs which is used in Urinary Tract Infections. | 05 |
| Q.3 | (a) Define Immunopharmacology. Classify Immunosuppressant Drugs. Write Mechanism of action of Cyclosporine | 06 |
| | (b) Classify Antiemetics. Describe one in detail. | 05 |
| | (c) Write note on Non-Nucleoside Reverse Transcriptase Inhibitor. | 05 |
| Q.4 | (a) Classify Antiviral Drugs according its Mechanism of Action. | 06 |
| | (b) Write note on General Principle of Treatment of Poisoning | 05 |
| | (c) Explain Following Term: Teratogenicity & Carcinogenicity | 05 |
| Q.5 | (a) Enlist Various Anti-Malarial Drugs. Discuss Pharmacology Primaquine | 06 |
| | (b) Describe Adverse Effect of Aminoglycoside Antibiotics | 05 |
| | (c) Comment on Following Statement: | 05 |
| | a) Probenecid is given with Penicillin | |
| | b) All Chemotherapeutics Agents are Antibiotics. | |
| Q.6 | (a) Explain Following Term: | 06 |
| | a) Fanconi Like Syndrome | |
| | b) Gray Baby Syndrome | |
| | c) Kernicterus | |
| | (b) Classify Cephalosporins. | 05 |
| | (c) Enlist First line Drugs used in Tuberculosis | 05 |
| Q.7 | (a) Write Mechanism of Action of Following Drugs | 06 |
| | a) Clavunic Acid | |
| | b) Acyclovir | |
| | c) Metronidazole | |
| | (b) Write Pharmacology of Azithromycin | 05 |
| | (c) Discuss the Pharmacology of Antiulcer Agents. | 05 |
