

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 6 EXAMINATION – SUMMER -2023

Subject Code: BP602TP
Subject Name: Pharmacology III
Time:10.30 a.m. to 1.30 p.m.

Date: 20/06/2023

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) Write down Mechanism of Action of Following drugs.
A) Clavunic Acid
B) Ziduvudine
C) Methotrexate | 06 |
| | (b) Classify Anti-asthmatics Drugs | 05 |
| | (c) Write down Pharmacology of Metronidazole. | 05 |
| Q.2 | (a) Write note on bacterial Cell Wall Synthesis inhibitors. | 06 |
| | (b) Write note on Drugs which is used in Urinary Tract Infections. | 05 |
| | (c) Comment on Following Statement:
a) Probenecid is given with Penicillin
b) Pyridoxine is given with Isoniazid | 05 |
| Q.3 | (a) Define Immunopharmacology. Classify Immunosuppressant Drugs. Write Mechanism of action of Cyclosporine | 06 |
| | (b) Write Classification of Anticancer Drugs. | 05 |
| | (c) Write note on Non-Nucleoside Reverse Transcriptase Inhibitor. | 05 |
| Q.4 | (a) Classify Antiviral Drugs according its Mecahnism of Action. | 06 |
| | (b) Write down Mechanism of Action & therapeutic uses of Chloramphenicol. | 05 |
| | (c) Write down Mechanism of action & Therapeutic Use of Co-trimoxazole | 05 |
| Q.5 | (a) Enlist Various Anti-Malarial Drugs. Discuss Pharmacology Primaquine | 06 |
| | (b) Describe Adverse Effect of Aminoglycoside Antibiotics | 05 |
| | (c) Classify Antiemetics. Decribe any one in Detail. | 05 |
| Q. 6 | (a) Explain Following Term:
a) Fancony Like Syndrome
b) Gray Baby Syndrome
c) Ototoxicity | 06 |
| | (b) Discuss the Pharmacology of Antiulcer Agents. | 05 |
| | (c) Enlist First line Drugs used in Tuberculosis | 05 |
| Q.7 | (a) Write Mechanism of Action of Following Drugs
a) Clarithromycin
b)Acyclovir
c)Metronidazole | 06 |
| | (b) Write Pharmacology of Azithromycin | 05 |
| | (c) Write note on General Principle of Treatment of Poisoning | 05 |